

BULLETIN
of
A. & T. COLLEGE

Published by
The Negro Agricultural and
Technical College
of North Carolina

Obedience to the Law is the Largest Liberty



Greensboro, North Carolina

Issued Quarterly

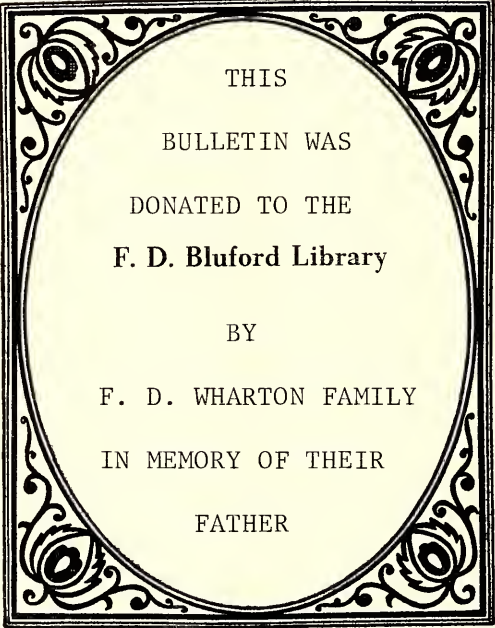
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August, 1920

No. 1

CALENDAR 1920-1921

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TWENTY-SIXTH
ANNUAL CATALOG
OF THE
Negro Agricultural and
Technical College
OF NORTH CAROLINA
1920-1921

Formerly the
AGRICULTURAL AND MECHANICAL COLLEGE
FOR THE COLORED RACE



GREENSBORO, NORTH CAROLINA

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ANNOUNCEMENTS

1. **MEDICAL FEE.**—Every student lodger must pay one dollar medical fee. There will be no further charges for medical attention; but this fee does not include expense for medicine, bandages or dressings. Students who do not lodge on the campus are not entitled to the service of the college physician.

2. **VACCINATION.**—Each student will be required to be vaccinated on entering unless he can satisfy the college physician that vaccination is unnecessary.

3. **LODGING DEPOSITS.**—On account of limited accommodations, students can secure rooms at once by paying one dollar for September lodging. In case of sickness or inability to attend, the one dollar will be refunded, provided application for its return is made before September 1, 1920.

4. **SPECIAL EXAMINATIONS.**—Entrance examinations and examination for the removal of conditions will be held September 1. All students with conditions should avail themselves of the opportunity. As special examinations are not held during the session, no conditions will be moved except during the examination weeks.

Each student must pay on entering all entrance fees and expenses for his first month.

CALENDAR 1920-1921

September 1—Entrance examinations and examinations for removal of conditions.
September 2—Registration day.
September 3—Fall Term begins.
November 22-29—Fall Term examinations.
November 30—Fall Term ends.
December 1—Winter Term begins.
February 23-27—Winter Term examinations.
February 28—Winter Term ends.
March 1—Spring Term begins.
March 18-24—Spring Term examinations.
May 22—Baccalaureate sermon.
May 26—Commencement.
June 12—Summer School.

HOLIDAYS

Thanksgiving Day.
Christmas Day.
New Year's Day.
Washington's Birthday.
Easter Monday.

SPECIAL DAYS

Arbor Day (Day after Thanksgiving)—Special programme by Department of Agriculture and Chemistry.
Douglas' Birthday, and Lincoln's Birthday, February 12—Special programme by English Department.
Morrill's Birthday, April 14—Agricultural and Mechanic Arts Societies have special programme.

BOARD OF TRUSTEES

W. H. Allen	Goldsboro, N. C.
F. W. Dunlap	Wadesboro, N. C.
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OFFICERS

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	J. E. Latham	

FINANCE COMMITTEE

C. M. Vanstory	J. E. Latham	W. E. Brooks
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FACULTY AND OFFICERS

- JAMES B. DUDLEY, A. M., LL.D., President, 1896.
A. D. WATKINS, Acting Director, Mechanical Department.
Brick Masonry and Plastering, 1909.
A. T. WHITSETT, Treasurer, 1910.
L. P. BYARM, B. S. M., Engineering, 1911.
D. K. CHERRY, A. B., Mathematics, 1911.
F. D. BLUFORD, A. B., Pd. B., Director of Academic Department; English, 1912.
R. L. CAMPBELL, Machine Shop Practice and Power Plants, 1913.
W. H. MARKHAM, B. S. M., Bursar and Registrar, 1914.
G. B. LOVE, B. S. M., Auto Mechanics, 1914.
O. G. DONNELL, Florist, 1916.
W. E. HOOKER, Broommaking, 1917.
M. F. HOLT, Blacksmithing, 1918.
R. E. MALONE, Director, Department Vocational Agriculture, 1919.
C. C. VALLE, Dairying, 1919.
J. H. PINKARD, B. A. in Education, Director of Commercial Department, 1919.
A. A. TURNER, B. S. A., Director, Department Agriculture and Chemistry, Biology and Agronomy, 1920.
S. K. MITRA, M. S., Ph. D., Physics and Chemistry, 1920.
J. A. GRIMES, A. B., History, 1920.
R. C. BOLLING, Music, 1920.
J. E. McRAE, B. S. A., Farm Superintendent, 1920.
C. G. COX, Tailoring, 1920.
S. E. CALLOWAY, Secretary to President, 1920.
J. E. REID, B. S. M., Carpentry, 1920.
S. B. SEBASTIAN, M. D., College Physician, 1919.
H. E. WEBB, B. S., of County Demonstration Agent, Guilford and Alamance Counties.
J. D. WRAY, M. S. A., State Agent, Boys' and Girls' Clubs.
———, Instructor in Teacher Training Course in Vocational and Industrial Education.
WM. W. GREEN, Captain, Infantry Section, O. R. C., Military Department, Professor of Military Science and Tactics, 1920.

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE OF NORTH CAROLINA

This college was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The leading object of this institution is declared by the act to be instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto.

The management and control of the college and the care and preservation of all its property is vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the act of the Legislature, have power to prescribe rules for the management and preservation of good order and morals at the college; to elect the president, instructors, and as many other officers and servants as they shall deem necessary; have charge of the disbursements of the funds, and have general and entire supervision of the establishment and maintenance of the college.

The financial support of the college for the payment of salaries and purchase of apparatus and equipment is derived, for the most part, from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This act makes an annual appropriation for each State and Territory for the endowment and support of colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, natural and economic sciences, with special reference to their application in the industries of life and the facilities of their instruction.

The college also receives an appropriation from the State for general maintenance, which cannot be provided for under the laws governing the use of federal appropriations.

The citizens of Greensboro donated fourteen acres of land and \$11,000, to be used in construction of buildings. In 1893 this was supplemented by an appropriation of \$10,000 by the General Assembly. The main building,

one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year.

Every Negro who will observe the splendid record of success and usefulness which the graduates almost without exception are making must naturally feel grateful to the "Old North State" for the excellent work that this Commonwealth is doing for the uplift of its Negro citizen, black or white, who will not the substantial interest and splendid support that this institution is receiving from every State official and from the representatives of the people in every Legislature, must admire the wise and liberal treatment North Carolina is giving for the maintenance of helpful institutions for her Negro citizens, and ever appreciate the excellent results that are being accomplished. It is certain no Negro can study the important work of this institution and its influence for the advancement of all people without feeling a stronger sense of obligation to his State and that he should strive to be a better, truer and more patriotic citizen of the great State of North Carolina.

ADMISSION

Before coming to the college every student should write for an application blank. This should be filled out and returned to the president. The student will then be informed whether his application has been accepted. He should not leave home for the college until he receives word that his application has been accepted.

Applicants must be in good health and not under sixteen years of age; must understand fairly well the forms and rules of the English language, must know addition, subtraction, multiplication and division of whole numbers, and have a knowledge of Geography and History.

Entrance examinations will not be required of students who have completed the eighth grade in the grammar schools, or who can furnish evidence that they have completed in reputable schools courses similar to those completed by the class to which they seek admission.

For admission to the Freshman Class, applicants must offer ten (10) units of secondary school work.

A unit of work is the work represented by the pursuit of a secondary school subject, five 45-minute periods per week for 36 weeks.

Of the ten units required six (6) are specified and four (4) are elective.

SPECIFIED UNITS

English	3 units
Algebra	1 unit
History	2 units

The four (4) elective units may be selected from the following list:

ELECTIVE UNITS

Physical Geography	$\frac{1}{2}$ or 1 unit
Physiology	$\frac{1}{2}$ or 1 unit
Zoology	$\frac{1}{2}$ or 1 unit
Agriculture or Farm Practice	$\frac{1}{2}$ or 1 unit
Bookkeeping	$\frac{1}{2}$ unit
Civics	$\frac{1}{2}$ unit
Drawing	$\frac{1}{2}$ unit
Mechanic Arts (Shop Work)	$\frac{1}{2}$ or 1 unit

Applicants for advanced credit will be passed upon by the president and the committee on classification.

GRADUATION

For graduation from college a total of 120 credits is required.

A credit consists of five 45-minute periods of college work per week for 36 weeks.

A laboratory period is equal to two 45-minute periods.

A shop period is equal to three 45-minute periods.

A student otherwise qualified may be allowed to elect certain studies from the regular courses already provided in the college if no inconvenience results to the regular classes.

Each student desiring admission should present recommendation from the school last attended.

Free tuition for the college year will be granted to students of North Carolina who present certificates of endorsement from their city or county superintendent or any legislative representative of their respective counties upon the following conditions:

(1) That the free tuition students shall enter the college not later than the first day of September; (2) that they shall pledge themselves to remain until the end of the spring term.

EXPENSES

Parents and guardians are advised to send direct to the president of the college all sums of money intended to defray expenses of students. If this suggestion is followed, it will not be possible for a student to spend for other purposes money sent him to meet his school bills. School bills must be paid by cash, postoffice money order or bank draft. Personal checks are not accepted.

Although it is the aim of the college to furnish as much employment as possible to assist students in defraying expenses, no promise nor guarantee can be made in advance to furnish such work.

Students who work during the day and attend school at night will be given an opportunity to earn fifteen dollars a month. This will meet their current monthly expenses; but the first month must be paid in cash in the same way as day students.

No money paid on school bills will be returned, except such as may be paid in advance of the current month, and no student will be credited with fractional parts of monthly payments, except that students entering may make their initial payment to the first of the next month.

Positively no student will be allowed to enter any department of the college without paying in cash the first month's expenses, as stated below.

The first month's expenses will be about \$32.00 for new students and \$27.00 for former students. Expenses for subsequent months will be between \$12.00 and \$16.00.

Matriculation fee, payable once only by new students, \$5.00.

The applicant will make the following payments:

MONTHLY PAYMENTS

Tuition, per month for work students, \$1.00, for others, \$2.00.

Lodging, per month for work students, \$1.00; for others, \$2.00.

Board, per month for work students, \$10.00; for others, \$12.00.

TERM PAYMENTS

Laboratory and shop fees	\$2.00
Auto Mechanics	3.00
Commercial Course	3.00
Tailoring	5.00

YEARLY PAYMENTS

Incidental Deposit	\$2.00
Registration Fee (for former students only)	1.00
Dining Hall Fee	1.00
Medical Fee	1.00
Library Fee	1.00
Athletic Fee	2.00
Lecture Fee	2.00

FOR NEW STUDENTS ONLY

Matriculation Fee	\$5.00
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THESE CHARGES ARE PAYABLE STRICTLY IN ADVANCE

Students at the time of the advance payments will be given cards, which will admit them to class-rooms, work-shops and dining-hall when properly countersigned.

In addition to the above expenses, the cost of text-books must be considered. This will amount to about \$12.50 per year.

Free tuition or county students will pay \$1 per month less than the above.

Board, lodging, medical fee, tuition and incidental de-

posit must be paid before the rooms are assigned and tickets of admission to class-rooms, work-shops and dining-hall are issued.

A work student is one who works two hours a day for the college.

Each student should bring two quilts or blankets, one counterpane, four sheets, two pillow cases, six towels, etc.

All students must furnish books, stationery, drawing instruments, thumb tacks and medicines.

Each student must keep on deposit \$2.00 to cover any charges which may be made against him for damages done.

It is desired and recommended that all students be uniformed. Our regular college uniforms are neat and attractive and can be worn at all times. More expensive uniforms can be had if desired. The regular uniform is made of very good material and should last the average student at least two or three years.

No student, or students, shall be allowed to leave the city representing the college or any college organization without wearing the approved college uniform. All the members of the Junior and Senior classes shall be required to wear the college uniform at all times except when excused therefrom by the disciplinarian.

No student organization will be allowed to leave the college in a body without being in uniform.

No student lodging on the campus will be permitted to leave the campus without being in uniform.

RULES GOVERNING CLASSIFICATION

1. Regular students must take a minimum of fifteen hours of credit work per week at least five of which shall be industrial work.

2. Examinations for the removal of conditions will be held at no other time than the regular term examination periods. A minimum credit of 85 per cent. must be made to remove conditions.

3. Students making an average of 70 per cent. or more will be passed; over 85 per cent., passed honorably.

4. Student candidates for graduation will be required to pass satisfactory examination in all the subjects in their respective courses.

5. Any student failing to secure 50 per cent. of the total marks obtainable during any term will be required to take a lower class or sever his connection with the college, but will be allowed to return the following session.

6. A minimum attendance of 70 per cent. will be required to entitle a student to a term grade.

7. Any student pursuing the full course of study required of a regular class, who earns a general average of 90 per cent. in his class subjects, shall have the option of an experimental promotion to the next advanced class where he will be allowed to remain on condition that he earns a credit of not less than 70 per cent. for each subject of the advanced class.

GRADUATION

It is the aim of the institution to send forth men who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior class or to graduate any one who, though qualified by class record, may otherwise be unfit.

Students completing a trade course are entitled to a certificate upon payment of a fee of one dollar and certificates for satisfactory completion of short courses and other special certificates will be awarded upon payment of 50 cents.

Students are entitled to a Diploma of the college upon the completion of the prescribed courses and payment of a fee of five dollars.

No certificates or diplomas in the regular course will be granted for completion of purely academic studies.

Any student in the Trade School or in the college who has satisfactorily completed two years' continuous work in any one industry shall be entitled to an industrial certificate upon payment of 50 cents.

Candidates for graduation from College or Trade School, in addition to the work outlined in the catalogue, must spend at least one summer at the college for instruction in practical work, unless they furnish satisfactory reports from responsible persons as to their efficiency.

Students in the graduating class must clear all conditions by the close of the winter term. Students will not be allowed to remove conditions in the spring term of the Senior year.

DEGREES

Students graduating from the Agricultural Course shall be entitled to the degree of Bachelor of Science in Agriculture.

Students graduating from the Mechanic Arts Course shall be entitled to the degree of Bachelor of Science in Mechanic Arts.

Members of the Senior class must deposit the fee for Diploma, thirty days before commencement day.

GENERAL INFORMATION

Students desiring assistance in defraying expenses, as far as possible, will be allowed to work, for which they can get credit each month at the time of their advanced payment.

The pay allowed all students, except Seniors, only two-thirds credit will be allowed in cash and one-third shall be held for payment on future school bills.

The several industries operated in the school afford opportunity for needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, would earn per month. This largely depends upon his individual application and energy. All can earn something each month, while the most industrious and energetic student will regularly earn more than his expenses.

Students, upon their arrival in Greensboro, must report immediately to the president for examination and registration.

Each student upon applying for admission will be required to sign a pledge to obey the rules of the college. Parents and guardians are particularly requested to examine our Rules and Regulations, to be found on another page of this catalogue.

It will be the purpose of the college to maintain a high moral tone and develop a broad, tolerant religious spirit among the students. In this connection there is a well organized Y. M. C. A., which meets twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. Sunday School is con-

ducted every Sunday during the school year. All religious services will be free from sectarianism. A flourishing temperance society is now in operation.

There are two literary societies—the Dunbar and Douglas, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become reasonably familiar with parliamentary law and usage. The faculty, by presence and advice, will seek to encourage these societies. Membership in one or the other of these societies will be compulsory. There are two technical societies, in which special topics in connection with agriculture, mechanics and chemistry are considered in a manner conducive to independent thought and research.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity, will be required to room and board in the college—except when the consent of the faculty has been secured by the written request of the parent or guardian. Consent will only be given, however, when the judgment of the faculty directs that it can be done with safety; as the college cannot, nor does it desire to rid itself wholly of responsibility out of school hours of the conduct of students who do not room and board in the college.

Students who are dismissed or expelled will be required to leave immediately. If they do not have railroad fare, they will be put to work for board and lodging only until such time as parents or guardians shall send money for their traveling expenses.

Students who lodge at the college will not be allowed to work in the city except in the employment of the college. Students who lodge on the campus will be required to board in the dining-room.

Students should note that three unexcused absences or six marks for tardiness in one month, unless excused by the discipline committee, render a student liable to dismissal.

The industrial part of each course of instruction applies to all students, and none will be excused therefrom.

INDUSTRIAL MUSEUM

An Industrial Museum has been started and already

valuable collections of work done by students are to be seen. We have collections representing the work in carpentry, blacksmithing and the various trades also specimens from the Agricultural, English and Dairy Departments. Such articles for exhibit are collected every month.

RULES AND REGULATIONS

1. The signal for rising will be given at 5:30 A. M. Dressing and arranging rooms, 5:45 to 6:15 A. M. Inspection, 6:00. Breakfast, 6:30 to 7 A. M. Study hour, 7 to 8. Chapel 12:00 to 12:30 A. M. Morning session, 8:00 to 12 A. M. Dinner from 12:15 to 1 P. M. Afternoon session, 1 to 4 P. M. Recreation, 4 to 6 P. M. Supper, 6:10 to 6:30 P. M. Study, 7 to 10 P. M. Inspection 9:45 P. M. Retiring signal and lights out, 10 P. M.

2. Strick attention must be given to cleanliness and deportment. Each student is required to keep his room in good order and subject to inspection at any time, and to conduct himself at all times in a gentlemanly manner. To attain and maintain a higher moral standard, is one of the prime objects of this institution; and any student known to have vicious habits or to indulge in vulgar language, will be deemed an unfit associate and will be expelled from the college. Untruthfulness or dishonesty in any form will not be tolerated. Students guilty of such offenses will be promptly dismissed.

3. Students shall promptly attend prayers and chapel services, all special exercises and class instruction work. Tardiness or absence from these duties will, when not excused, subject a student to demerits. Loitering in the main building by the students is prohibited.

4. Students who interrupt the quiet and order of the college life by noises in or near the buildings or who commit intentional damage to college property, or who makes nuisance of throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

5. Students who persistently absent themselves from chapel and class work, or who persistently neglect college duties, or who absent themselves from college grounds contrary to Rules and Regulations are not regarded as desirable companions for industrious, meritorious students,

and will not be allowed to continue as students in the college.

6. Students must attend some church on Sunday morning. Parents or guardians should designate to the president of the college what church they wish their sons or wards to attend.

7. Any student shooting or having on his person, in his room, or on the college premises, rifles, spring guns, firearms, or deadly weapons of any kind whatsoever, will be dismissed.

8. The use of playing cards, tobacco, spirits, malt or vinous liquors by the students is prohibited. Students are forbidden to enter any disreputable house while absent from the college grounds.

9. Students are forbidden to go upon the roofs of buildings, or to enter or depart from buildings through windows; and they are also forbidden to enter the kitchen, store-rooms or pantry. Students are prohibited from entering the dining-room, except at meal time.

10. Strick discipline will be enforced in the dining-room during meals. Students guilty of ill-mannered conduct in act or speech will be removed from the dining-room and punished for insubordination.

11. Students are forbidden to receive visitors in the dormitory buildings.

12. At all times the students shall deport and express themselves respectfully toward the faculty and every member of it and also toward their fellow students. Any deficiency in this particular will be punished. A student failing to respond to any reasonable demands by any member of the faculty shall be held guilty of contempt and punished accordingly.

13. No student will be retained after he has received thirty-four demerits during the session.

14. Every new student must be vaccinated before entrance, or present a doctor's certificate showing that he has been successfully vaccinated within two years.

15. A student cannot remain in good standing in any department when dismissed from another.

16. No diplomas shall be given to any student who is in debt to the college.

17. Any student found guilty of any species of dishonesty shall be dismissed or expelled, at the discretion of the faculty.

By order of THE BOARD OF TRUSTEES.

SCHOLARSHIPS, PRIZES AND MEDALS FOR 1919
AND 1920 WERE AWARDED AS FOLLOWS:

SCHOLARSHIPS

The A. M. Scales scholarship of \$25.00 on board, and lodging and tuition allowed to the student completing the Second Year Trade Class with the best record in scholarship, class work and deportment was awarded to C. Wingfield, Outing, Ga.

The E. P. Wharton scholarship of \$25.00 on board, lodging and tuition allowed to the student completing the Third Year Trade Class with the best record in scholarship, class work and deportment, was awarded to L. Cheatham, Gumberry, N. C.

The Capt. James E. Hamlin scholarship of \$25.00 on board, lodging and tuition, allowed to the student completing the Four Year Trade Class with the best record in scholarship, class work and deportment, was awarded to J. B. Small, Windsor, N. C.

The Odell Hardware Company scholarship of \$25.00 on board, lodging and tuition, allowed to the student completing the Freshman Year with the best record in scholarship, class work and deportment, was awarded to J. E. Brown, Altomoreboro, N. C.

The Elmore and Maxwell Company scholarship of \$25.00 on board, lodging and tuition, allowed to the student completing the Sophomore Year with the best record in scholarship, class work and deportment, was awarded to A. Tynes, Smithfield, Va.

The S. D. McRae scholarship of \$25.00 on board, lodging and tuition, allowed to the student completing the Junior Year with the best record in scholarship, class work and deportment, was awarded to C. P. Johnson, Greenville, N. C.

These scholarships herein announced were awarded to the winners on Commencement Day. They will be available January 1, 1921.

PRIZES

The Cone Cash Prize—This prize of \$3.00 in cash, known as the Cone Cash Prize, given to the students who

submits the most practical original suggestion for the improvement of college affairs, was awarded to A. Tynes, Smithfield, Va.

CORN CLUB PRIZES

The A. & T. Alumni scholarship of \$30.00 on board, lodging and tuition, to the boy who raises the highest number of bushels of corn to the acre in 1919, was not awarded.

A second prize of \$20.00, allowed on board, lodging and tuition, to the boy who raises the second highest number of bushels to the acre as above, was not awarded.

(These scholarships are to be used at the A. and T. College, and the corn contest questions are all to be settled by the corn club rules as interpreted by Mr. John D. Wray, Agent, Negro Boys' Corn Club).

MEDALS

The John Merrick Medal for the student completing the full mechanical course with the best four-year record in the college department, was awarded to B. H. Ghant, White Plains, N. Y.

The John H. Love Medal for the student completing the full four-year agricultural course with the best record was not awarded in 1920.

The W. L. McNair Medal for the student completing the full four-year college course with the best record in the English department was not awarded in 1920.

The John D. Wray Medal for the student completing the full four-year agricultural course with the best record in practical agriculture, was awarded to C. H. Couch, Dunbar, N. C.

The Charles E. Stewart Medal for the student completing the full college course with the best four-year record in music was awarded to J. H. Barnhill, Bethel, N. C.

FREE TUITION

Free tuition will be allowed any student for one year following a year in which he is on the Honor Roll for three consecutive terms.

NOTICE TO AGRICULTURAL STUDENTS

Agricultural students will take notice that the following number of hours of practical work must be acceptably done before graduation from the college:

FRESHMAN CLASS

Fall Term—70 hours.
Winter Term—70 hours.
Spring Term—70 hours.
Total for Freshman—210 hours.

THE SOPHOMORE CLASS

Fall Term—70 hours.
Winter Term—70 hours.
Spring Term—70 hours.
Total—210 hours.

JUNIOR CLASS

Fall Term—70 hours.
Winter Term—70 hours.
Spring Term—70 hours.
Total—210 hours.
Summer Term—320 hours, farm. Total, 530 hours

SENIOR CLASS

Fall Term—70 hours.
Spring Term—70 hours.
Total—140 hours.

NOTICE TO MECHANIC ARTS STUDENTS

Mechanic Arts students, in order to receive a passing grade in any industry, must do 70 hours work per term if in the college courses or 135 hours per term if in the Trade School courses.

Mechanical students will take notice that the following number of hours of practical work must be done satisfactorily before graduation from college:

FRESHMAN CLASS

Fall Term—660 actual hours in any shop.

Winter Term—60 actual hours in a shop other than that selected for the Fall Term.

Spring Term—60 actual hours in a shop other than the two selected in the Fall and Winter Terms.

SOPHOMORE CLASS

^Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

JUNIOR CLASS

Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

SENIOR CLASS

Fall Term—60 actual hours, at the trade selected.

Winter Term—60 actual hours, at the trade selected.

Spring Term—60 actual hours, at the trade selected.

NOTICE TO TRADE SCHOOL STUDENTS

Trade School students will take notice that the following number of hours of practical work must be satisfactorily performed during each of four years before graduation from the Trade School Course:

Fall Term—135 hours, at selected industry.

Winter Term—135 hours, at selected industry.

Spring Term—135 hours, at selected industry.

OUTLINE COURSE OF STUDY

Recitation and lecture periods, 45 minutes; laboratory, 90 minutes; shop and other periods, 135 to 180 minutes.

FIRST YEAR TRADE SCHOOL CLASS

Subjects	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
English	5	5	5
Arithmetic	5	5	5
Geography	5	3	3
Penmanship	2	2	2
Music	2	2	2
Industry	5	5	5

SECOND YEAR TRADE SCHOOL CLASS

Subjects	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
English	5	5	5
Arithmetic	5	5	5
Negro History	4	4	4
Geography	3	3	3
Drawing	2	2	2
Music	1	1	1
Industry	5	5	5

THIRD YEAR TRADE SCHOOL CLASS

Subjects	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
English	5	5	5
Arithmetic	5	5	5
United States History	5	5	2
Physical Geography	3	3	
Drawing	2	2	2
Physiology			5
Music	2	2	2
Industry	5	5	5

FOURTH YEAR TRADE SCHOOL CLASS

Subjects	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
English	5	5	5
Algebra	5	5	5
Ancient History	5	5	

Bookkeeping	2	2	2
Civics			5
Drawing	2	2	2
Music	2	2	2
Industry	5	5	5

OUTLINE OF COURSES OF STUDY LEADING TO DEGREE OF B. S. AGR.

FRESHMAN YEAR

Subjects	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
English	5	5	5
Algebra	5	5	5
Botany	0	0	3
Animal Biology	0	3	0
Plant Biology	3	0	0
Music	1	1	1
Elementary Chemistry	3	3	3
Shop Greenhouse	3	3	3
Dairying or Drawing	2	2	2

DEPARTMENT OF AGRICULTURE AND CHEMISTRY

JAS. B. DUDLEY, President.

A. A. TURNER, Director of the Department and Instructor in Astronomy, Geology and Zoology.

O. G. DONNELL, Florist and Instructor in Botany and Horticulture.

C. C. VALLE, Dairy Superintendent and Instructor in Dairying and Animal Husbandry.

DR. S. K. MITRA, Instructor in Chemistry and Physics.

J. A. McRAE, Farm Superintendent and Instructor in Practical Agronomy.

—————, Poultry Superintendent and Instructor in Poultry and Animal Husbandry.

JOHN D. WRAY, Extension Work, State Agent Boys' and Girls' Farm Clubs.

H. E. WEBB, County Demonstration Agent, Guilford and Alamance Counties.

R. E. MALONE, Director of Teacher Training Course in Vocational Agriculture.

AGRICULTURAL COURSES

1. A four-year college course in Agriculture.
2. A two-year college course in Agriculture.
3. A three months' winter course in Agriculture. This course is intended for farm boys who are unable to get in school until after harvesting crops, and who must leave before the close of school.
4. A one week's course in Agriculture.
5. A four-year preparatory course in Agriculture.

There are five courses in Agriculture—a four-year graded course leading to the degree of Bachelor of Agricultural Science, a two-year course leading to a certificate, and a one-week's course for farmers and others who can only spend a limited amount of time away from their business. The four-year course is designed to give the student a well-rounded education combined with technical and practical instruction. The course is divided so as to give about one-third of the student's time to technical instruction, one-third to scientific and the other third to actual practice. As all agricultural instruction is dependent upon a thorough knowledge of the fundamental sciences, the course is essentially scientific rather than literary. The two-year course is designed especially for the need of those students who have little time to spend in school and wish to get only such instruction as bears directly on their chosen vocation.

Special attention is given to dairying, horticulture, soils, fertilizers, market-gardening and stock-raising. The college has frequent calls for young men to do practical work in these subjects.

The one-week's course is devoted to a course of lectures and practical demonstrations on dairying, soils, fertilizers and stock-raising. These courses for the most part will be given by experts from the State Department of Agriculture.

The four-year preparatory course is designed to prepare students for the regular Agricultural Course leading to the degree of B. S. A.

METHODS OF INSTRUCTION

Instruction is given by laboratory work, text-books, lectures and reference reading. The scientific equipment is excellent—probably the best in any Negro school in the country. All class room work is supplemented by practical work, either in the field, the garden, the greenhouse, the barn, the dairy, or the chemical or physical laboratory.

EQUIPMENT

The college has twenty-five acres of land in the immediate campus which is used for horticulture and market garden purposes. In addition to this it has a farm of 103 acres of land, most of which is under cultivation. There is a modern two-story barn which is used for dairy cattle, a piggery, and a small poultry plant.

Recognizing the importance of good farm machinery and labor-saving devices, the college has purchased and received as donations from a number of firms a considerable amount of farm machinery, such as different kinds of plows, harrows, cultivators, a seed drill with a fertilizer attachment, a corn harvester, and various tools and machines for market gardening.

The dairy is well equipped with modern apparatus for butter making. It has two United States, one De Laval and one Sharples Separator, Acme Bail Churns, one Davis Swing Churn, seven Lever Butter Workers, one Eclipse Refrigerator, a Boyd Cream Ripening Vat, a Babcock Milk Testing Machine, Aerator, etc., thus enabling us to offer the very best course in butter making. We have recently added apparatus and utensils for cheese making for home consumption.

A 100-ton concrete silo has also been erected for which silage is raised every year. A St. Alban's Shredder is used for cutting up the ensilage and a corn harvester is used for cutting the corn in the field.

Two modern barns have recently been built at the college farm and a new dormitory has also been built at the farm for the superintendent and students who work at the farm.

The dairy farm is stocked with a good herd of milch cows.

Different crops, such as wheat, oats, cow peas, sugar beets, sorghum, millet, mangel, wurzel, potatoes, alfalfa, tobacco, cotton, rape, vetch, clover, and various other forage crops, are grown on the farm, and the student obtains practical experience in the cultivation of such crops with the latest and best farm machinery.

Experiments are also being conducted on the farm, illustrating the effect of different methods of cultivation and fertilization of several crops. Variety tests are also made. This experiment work is carried on by the students in the advanced classes.

The greenhouses are maintained to aid the student in the study of Botany and care of flowers. Instruction is also given in the management of a greenhouse on a commercial scale.

Market gardening is practical on a small scale for the purpose of giving the student practice in the management of early truck lands.

DESCRIPTION OF COLLEGE COURSES

A—INDUSTRIAL—PRACTICAL HORTICULTURE

I.—GREENHOUSE MANAGEMENT. CARE OF CAMPUS. 60 actual hours.

Practical work is given in the care and management of greenhouses. Students are required to grow and care for various flowers, such as carnations, roses, hyacinths, freesias, narcissus, etc., as well as various foliage plants, like ferns and palms. Fall Term.

II.—PROPOGATION OF PLANTS. 60 actual hours. Required Course I.

Practice is given in making cuttings, in potting, rooting, grafting, budding, etc. The student is also taught how to prepare various fungicides and insecticides, how and when to apply them. Winter Term.

III.—MARKET GARDENING. 60 actual hours. Required Course II. Industrial. For Freshmen and Sophomores.

Practice is given in transplanting plants from the greenhouse or cold frames to the field. Attention is also given to raising early vegetables on a commercial scale. Spring Term.

B—AGRICULTURE—BIOLOGY AND GEOLOGY**I.—ELEMENTARY AGRICULTURE.**

This course is a general survey of the whole field of Agriculture dealing in a general way with the fundamentals of Agriculture, such as Soil, Plant Life, Manures and Birds, Live Stock and Dairying and Feeds and Feeding. This course will be given by lectures, recitations and practical work on the plots. Three hours fall and winter terms.

II.—ELEMENTARY BOTANY.

Lectures, recitations and laboratory work. Special attention is given to plant morphology, the principles of nutrition, reproduction, growth, sex and adaption to environment. The importance of the fungi and seed plants is emphasized. The principles of plant breeding, crossing, pollination, budding and grafting are taught. Required of Sophomores. Two hours. Text—Bailey and Coleman.

III.—ZOOLOGY.

The various types and principles of animal life, structure and classification of the vertebrates and invertebrates; the common parasites infecting man and the domestic animals. Freshmen. Two hours. Text—Bailey and Coleman's Elementary Biology.

IV.—ELEMENTARY GEOLOGY.

Structural geology; important minerals and elements of the earth's crust; the igneous or eruptive rocks; sedimentary and metamorphic rocks; dynamic geology—wind and river erosion; underground water and lake deposits; glaciers, mountains, volcanos; earthquakes and geysers; stratigraphic geology. The uses of fossils; life during the archæan and paleozoic times. The glacial period. For Freshmen. Three hours.

AGRONOMY**V.—FARM MANAGEMENT.**

Lectures and recitations upon the selection, location, planning and the equipment of farms; farm buildings

and machinery. Systems of cropping and farm accounts. For Seniors. Winter Term. Two hours. Text—Card's Farm Management.

VI.—AGRICULTURE PHYSICS. Required Courses III. Physics and V. Chemistry and I. Mechanics.

The power of soils to retain moisture, effect of deep and shallow cultivation, methods of constructing farm buildings, ventilation, road making, draft of wagons and plows, etc., are fully discussed. Text: Agricultural Physics—King. For Seniors. Fall and Winter Terms. Three hours. Dr. Mitra.

VII.—AGRICULTURAL PHYSICS LABORATORY WORK. Courses I, II, and III required. (Gen. Physics).

This course will accompany Course VI, with detailed experiments to show the rate of percolation of water through soils capillary attraction; effect of different kinds of mulches; determination of specific gravity and specific heat; and the mechanical analysis of soils. The department has been recently equipped with the latest apparatus for soil work. Fall Term. Seniors. Two hours. Dr. Mitra.

VIII.—FARM CROPS.

Lectures upon the history, production, harvesting and marketing of farm crops. Practical exercises in harvesting and storing various staple crops. Preparation of soil and the seeding of fall and winter crops; practical exercises in draining land, fall plowing and the preparation of soil for spring seeding. Practical rotation of crops on one acre plots. For Freshmen and Seniors. Fall Term; 60 actual hours. Mr. Turner.

IX.—SPECIAL CROPS.

The seeding and harvesting of special crops, such as corn, tobacco, cotton, the clovers and grasses. Practical exercises in the rotation of these crops on one acre plots. For Seniors. Spring Term; 60 actual hours. Juniors. Summer Term; 320 actual hours. Mr. McRae.

PHYSIOLOGY AND VETERINARY SCIENCE

1. The structure and function of the bones, muscles and joints are carefully studied. The various organs and their functions receive special attention; health laws, ventilation, influence of heredity, preparation and use of domestic remedies; disinfectants and their uses; sanitation and prevention of tuberculosis. For Freshmen. Three hours throughout the year.

II.—VETERINARY SCIENCE. Three hours. Required Course
I. Physiology.

The common diseases of farm animals are briefly discussed, together with remedies for same. Some practical work in caring for sick animals is also provided the student. For Juniors. Spring Term.

ANIMAL HUSBANDRY AND DAIRYING

I.—ANIMAL BREEDING.

The student is taught the underlying principles of successful breeding; such subjects as atavism, variation, selection, hereditary, line breeding, cross-breeding and in-breeding are discussed. Collateral reading required. Text—Shaw's Animal Breeding. For Juniors. Fall Term. Three hours.

II.—BREED OF LIVE STOCK.

The origin, or history and characteristics of the various breeds of cattle, sheep and swine are taken up. Especial attention is given to the various types of dairy cattle and hogs. Whenever possible actual specimens are used to show the characteristics of various breeds of animals. Excursions are frequently made to nearby farm for the purpose of score card work. For Juniors. Winter Term. Three hours.

III.—MILK AND CREAM TESTING.

The student is taught how to test milk and cream; he is made familiar with the Babcock test for fat; he is also expected to test milk for adulterants, determine its specific gravity, total solids, the amount of water it contains, and is required to make at least two tests of each

cow in the herd. He also becomes expert in testing cream for acidity according to at least two methods.

Lectures and recitation work will be given on the composition, secretion and production of milk. Fall Term for Juniors. Three hours.

IV.—BUTTER-MAKING. Three hours. Required Course III.

Thorough drill is given in butter-making according to the most improved methods. Considerable drill is also given in making neat and attractive packages, in storing and scoring butter, ripening cream, etc. For Juniors. Winter Term.

V.—MANAGEMENT OF DAIRY. 60 actual hours. Required Courses III and IV.

The student is expected to go into the dairy and take charge of the work under the supervision of the instructor. He receives instruction in the care and management of separators and obtains more practice in butter-making. Fall Term. For Juniors.

VI.—DAIRY INDUSTRY.

The cleaning of the dairy barn, the cleaning of cows and milking; the cleaning of the dairy utensils. For Freshmen and Sophomores. Fall Term, 65 hours.

C—HORTICULTURE AND BOTANY

I.—BOTANY. Five Credits. Desired Course I. Horticulture.

Such subjects as how the plant takes up food from the soil and atmosphere; the effects of sunlight, air and moisture on plants are noted, diseases of plants and remedies for same are discussed in an elementary way. Given in connection with Course I. Agriculture. Text: Elementary Botany.—Bailey. For Seniors. Spring Term.

II.—PROPOGATION OF PLANTS. Three hours.

Method of propagating plants by cutting stolons, suckers, layering seed, etc., are discussed. The principles un-

derlying budding, grafting and pruning are also discussed. Text: Principles of Plant Culture.—Goff. Fall Term.

III.—SMALL FRUIT CULTURE. Two credits. Required Course II. Horticulture.

Methods of propagating and cultivating various kinds of small fruit are discussed, together with the preparation of soil for same. Winter Term. Juniors.

IV.—MARKET GARDENING. 20 actual hours; 60 credits. Required Course II. Horticulture.

A study of the different crops adapted to market gardening and adapted to North Carolina is made. Construction and management of hot beds, cold frames, special fertilizers for vegetable crops, packing, shipping, and marketing are also considered. Text: Vegetable Gardening.—Bailey. For Sophomores. Spring Term.

V.—POMOLOGY. Two credits. Required *Course III. Horticulture.*

Planting of fruit trees, tilling and fertilizing fruit lands. Planting and caring for orchard, picking, packing, storing and shipping of fruit are discussed. Text: Fruit Growing.—Bailey. For Seniors. Winter Term.

VI.—LANDSCAPE GARDENING. 60 actual hours. Required Course V. Horticulture.

Principles of embellishing landscapes, planting and management of lawns, management of orchards, pruning, etc. Text: Landscape Gardening.—Maynard. Spring Term. Seniors.

PLANT BREEDING

Course VIII. This course is offered to students in the Senior year. The aim of this course is to give the student a thorough knowledge of seed growing. It includes the study of the principles underlying the various systems used in securing varieties of plants. The study of Mendelism and its practical application is thoroughly taken up. Lectures twice a week. Credit two hours.

ENTOMOLOGY AND BACTERIOLOGY

I.—ENTOMOLOGY. Three hours. Required Course VI. Horticulture. Text: Constock's Insect Life.

The subject is taught by means of lectures and the student is required to read upon topics assigned him by the instructor. The most common insects and insecticides are studied. For Seniors. Fall Term.

II.—BACTERIOLOGY. Three hours. Required Course II. Horticulture and I. Chemistry.

Lectures are given on the nature of bacteria, their relation to other plants, supplemented by laboratory work. For Juniors. Fall and Winter Terms.

COURSES IN POULTRY HUSBANDRY

COURSE I. POULTRY HUSBANDRY.

This course is given throughout the year. It is offered to those who have reached the Sophomore year. The principles of poultry breeding; the study of breeds, varieties and strains; poultry house sanitation; the prevention of disease and the study of foods and feeding are thoroughly discussed. A laboratory course is also given in which the student becomes familiar with fowl anatomy, caponizing, candling and the most advanced methods of killing market fowls. Lectures: Mondays and Wednesdays. Laboratory: Fridays. This is a lecture course.

COURSE II.—POULTRY HOUSE CONSTRUCTION.

Prerequisite Course I. This course will be given in the winter term and if offered to those who have reached the Junior year. Poultry house sites, building materials, and poultry house plans; construction of trap nests, mash hoppers; egg cases are closely studied. In the laboratory the student is taught to draft and estimate the cost of material for various kinds of poultry houses. A great deal of attention is given to arrangement of buildings on a poultry farm. The principles involved in incubator cellars and brooder houses are taught. Lectures: Tuesdays. Laboratory: Thursday. Text: Poultry Houses and Fixtures. Price, 75 cents. Credit, two hours.



Poultry Yard, Haverford College, 1920.

COURSE III.—POULTRY BREEDS AND BREEDING.

Prerequisite Courses I and II. This course will take up all sides of breeding in detail. The fertility of eggs and the selection of each breed and varieties will be studied. Lectures: Mondays, Wednesdays and Fridays. Fall Term.

COURSE IV.—ARTIFICIAL INCUBATION AND BREEDING.

This course cannot be taken up by any student who has not taken Courses I and III. The student is given an opportunity to operate an incubator. The student is also expected to feed and care for the chicks after hatching them. No student will be allowed to take this course who has not done creditable work in all prerequisite courses. Spring Term.

COURSE V.—POULTRY FARM MANAGEMENT.

Prerequisite Courses I, II, III and IV. This course will take up the care, feeding, marketing and shipping of poultry. Poultry farm bookkeeping, cost accounting and management, extensive and intensive methods of poultry culture; study of trade sheets and papers; study of express and freight rates. Text: Robinson's Principles of Poultry Culture. Two laboratory periods, Mondays and Wednesdays. Fall and Winter Terms. Credit, three hours.

The Division of Poultry Husbandry offers good facilities for instruction and investigation. A modern Poultry Laboratory has just been completed. The building is well lighted and commodious. It is equipped for the following lines of work: Egg candling, caponizing, care and packing of eggs, packing and dry picking of chickens, poultry house drafting and the making of poultry appliances.

The division operates a commercial egg producing poultry plant. The fowls are housed in a commercial poultry house, 110 feet long by 20 feet wide; the house is divided into five pens, each one of which is capable of holding 100 fowls. In connection with the house an incubator cellar has been built, in which have been placed one 390-egg capacity Cyphers incubator and one 144-egg capacity incubator. Adjoining the incubator cellar is the brooder house, which contains one 600-chick capacity coal stove

brooder. The poultry plant affords practical work to all students desiring to learn the practical side as well as the theoretical. The aim of the department is to develop efficient, capable, conservative poultrymen.

We have three breeds of poultry known for their production of market fowls and eggs, namely: The Plymouth Rocks, the Wyandottes and White Leghorns.

E—COURSES IN CHEMISTRY AND PHYSICS

EQUIPMENT

The chemical laboratory is well equipped with suitable apparatus and necessary chemicals for the study of general as well as agricultural chemistry.

Among the most expensive apparatus may be mentioned Hoffman's apparatus for decomposition and re-composition of water, fat extraction apparatus, chemical balances, soil analysis apparatus, hot plates, copper, air and water baths, apparatus for analysis of baking powders, water analysis, etc.

In short, the equipment of the department is first-class in every respect, and in some lines it is perhaps second to that of no other institution in the State.

While the equipment for the work in Physics is not so complete as that in Chemistry, the Department has made and purchased sufficient apparatus to illustrate on the lecture table the more important laws of Physical Science. The equipment consists of a Lever Air Pump with oxidized brass barrel and accessories, an Atwood's Machine, Port Lummere and Stereopticon for projection work, a set of Vacuum and Spectrum Geissler tubes containing residuum gases, Ruhmkorff Induction coil, a Hoffman's Graduated Eudiometer, an assortment of batteries and Leyden jars for induction and distribution of electricity, compound microscopes, pulleys, balances, pumps, sonometer and a general assortment of lecture table apparatus. The lecture room can be made dark at any time for illustration with the stereopticon or Port Lummere. The lecture table is fitted with water, gas and electricity.

The department has recently purchased some of the latest apparatus for Soil Physics, which includes a ball-bearing balance, 50 cc. flasks with ground glass stoppers drawn out to an open capillary tube for specific gravity work; brass tubes $12\frac{1}{2} \times 17\frac{7}{8}$ inches inside measurement.

for the determination of volume weight, apparent specific gravity and porosity of soils, apparatus to determine the power of loose and compact soils to retain moisture, a set of brass tubes $16 \times 1\frac{7}{8}$ inches inside measurement, to show the rate of percolation of water through soils; a set of galvanized iron cylinders set in water jackets to show the effect of mulches or evaporation of water from soil; and a set of five glass tubes, $30 \times 1\frac{7}{8}$ inches inside measurement, for determining the capillary attraction of soils.

A detailed description of the courses offered by this department follows:

I.—GENERAL CHEMISTRY. Three credits.

Lectures are given on general chemistry, and experiments are performed before the students in the lecture rooms, which bear directly on and pave the way for Agricultural Chemistry. For Freshmen. Spring Term. Dr. Mitra.

II.—GENERAL CHEMISTRY. Three credits. Required Course I. Chemistry.

Lectures and laboratory work. The student goes into the laboratory and carries on experiments for himself, illustrating the principles he has learned in the lecture room. For Sophomores. Fall and Winter Terms. Dr. Mitra.

III.—QUALITATIVE ANALYSIS. Three credits. Required Course II. Chemistry.

Laboratory work. During this term the student becomes familiar with testing and especially the elements which enter into the composition of plant and animal life. For Sophomores. Spring Term. Dr. Mitra.

IV.—QUALITATIVE ANALYSIS. Two credits. Required Course III. Chemistry.

Laboratory work. Qualitative analysis completed. Acids. Text: Notes. Juniors. Fall Term.

V.—AGRICULTURAL CHEMISTRY. Two credits. Required Course IV. Chemistry.

Lectures on the chemical composition of soils, plants and animals. The function of the various elements necessary for plant growth, and the various compounds for

animal nutrition are discussed. For Juniors. Winter and Spring Terms. Dr. Mitra.

VI.—QUANTITATIVE ANALYSIS. Five credits. Required Course IV. Chemistry.

Instruction is given in the analysis of soils, fertilizers and feeding stuffs, the object being to acquaint the student with the chemical composition of soils, fertilizers and feeding stuffs, so that he may intelligently make use of reports and bulletins of experiment stations dealing with the chemical composition of various agricultural products. For Seniors. Fall Term.

VII.—ANIMAL TOXICOLOGY. Two credits. *Required* Courses I, II, III and IV. Chemistry.

Lectures are given on the poisonous plants and insects injurious to stock; the symptoms of poisoning; the pigments, insectides, matches and vermin poison; the sources, elimination, and antidotes of stock poison, etc. For Seniors. Winter Term.

VIII.—FEEDING. Five hours. Required Courses III. Agriculture and V. and VI. Chemistry.

The laws of nutrition and the composition of animal bodies are briefly discussed. The composition and digestibility, market and food values of various food stuffs are discussed. Nutritive ratios and the practical application of same in compounding rations for the various farm animals are carefully considered. Collateral reading required. Text: Feeding of Animals.—Jordan. For Seniors. Spring Term.

PHYSICS

I.—GENERAL PHYSICS. Three hours.

Three lectures and recitations. The subjects covered are the properties of matter, pneumatics, mechanics of solids, liquids and gasses. The lectures are fully illustrated and the practical application of the principles are clearly pointed out. For Sophomores. Dr. Mitra.

II.—ADVANCED PHYSICS A. Four hours.

Course I. desired. Course IV. Mathematics. Two lec-

tures and one hour laboratory period per week. The subjects of discussion are Heat, Magnetism and Electricity, illustrating fully the fundamental principles involved therein. This course will give the students an opportunity to take up work as an electrician. For Juniors. Dr. Mitra.

III.—ADVANCED PHYSICS *B*. Four hours. Course II. required. Course V. Mathematics desired.

Two lectures and one hour laboratory periods per week. The subjects dealt with in this course are mostly Light and Sound, the latter being taken up briefly. This course will familiarize the students with the fundamental principles of optical and musical instruments that are in every day use. For Seniors. Dr. Mitra.

IV.—ADVANCED PHYSICAL LABORATORY WORK. Three hours. Courses I, II, and III required.

This work is designed to fix the principles learned in the previous lectures firmly in the mind of advanced students by giving them an opportunity of performing the experiments with modern scientific apparatus. This course will give the student an opportunity to take up work as an expert Electrician or Mechanic.

TRADE SCHOOL COURSE IN AGRICULTURE

Students elect any agricultural industry they prefer but are required to spend at least a term at three different industries.

DAIRY INDUSTRY. Credit three hours, divided as follows:

90 minutes—Cleaning the dairy and barn; washing utensils; separating and bottling milk; sterilizing milk vessels.

45 minutes—Lecture on methods of cleaning: dairy sanitation; why it is necessary to have all milk vessels clean; methods of milking; nature of bacteria; pure water supply; how disease can be carried by the water and milk supply; hygiene of the persons handling milk.

45 minutes—Farm Arithmetic with special reference to dairy problems; measurement of barns, silos and dairy utensils; calculating dairy ration; elementary feeding.

GREENHOUSE. Credit three hours, divided as follows:

90 minutes—Cleaning greenhouse; watering plants; potting plants; making greenhouse soils; transplanting to field; plot work; budding; grafting; care of campus; making flower beds; planting bulbs.

45 minutes—Elementary horticulture. Text-book: Plant Propagation, by Goff.

45 minutes—Arithmetic—with reference to making of insecticides, fungicides and land measurements.

POULTRY INDUSTRY. Daily throughout year—credit three hours, divided as follows:

90 minutes—Care of poultry plants; whitewashing; disinfecting; mixing poultry feeds; feeding.

45 minutes—Poultry raising on farm—Text-book: Watson.

45 minutes—Farm Arithmetic—Burkett.

FARM. Daily throughout year.

PLOT WORK.

45 minutes—Farm crops—Duggar, throughout year.

45 minutes—Elementary Animal Husbandry—Text—Plumb's Animal Husbandry.

45 minutes—Farm Arithmetic—Completed text—Burkett and Swartzel.

FARM INDUSTRY.

Any student may take his industry at the farm where no fee will be charged. Practical work and instruction will be given in seed selection, planting, and growing of various farm crops.

TEACHER-TRAINING COURSE FOR TEACHERS OF AGRICULTURE

The courses of study for the training of teachers of Vocational Agriculture for the Negro race at the A. & T. College will conform to the subject matter as given to the other agricultural students, with the exception of substitutions of professional subjects designated. The professional subjects will consist of one three-hour course throughout the Junior year in "Introduction to Education," two three-hour courses through the Senior year,

one in "Principles of Teaching, Organization and Administration," the other in "Special Methods of Teaching Agriculture," including observation and practice teaching. Graduates from this course are guaranteed immediate and steady employment with a good salary.

OUTLINE COURSE OF STUDY FOR THE TEACHER- TRAINING COURSE FOR TEACHERS OF AGRICULTURE

Freshmen		Agriculture10	
English	5	Vocational	
Mathematics	5	Crops and Soils	6 mo.
Science	5	Truck Gardening...	6 mo
Laboratory Two Periods. Three recitations.			

Junior			
Science	5	Mathematics	5
English	3	Agr. Ed.	10
General and Special Methods in Agriculture Organization and Administration.			

Greenhouse Management. Landscape Gardening.
Fruit Growing.

Sophomore		Junior year. Winter Term.	
English	5	Vocational	
Mathematics	5	Animal Husbandry.	
Science	5	Dairy Husbandry.	
History	3	Swine Raising.	
Agriculture	10	Poultry Raising, Sheep,	
Laboratory same as Freshman.		etc.	

Seniors.			
English	2	Agriculture	10
Science	3	Directed Teaching.	
Rural Sociology	2	Vocational Education.	
Rural Sanitation	3	Farm Management.	
Agr. Education	10	Farm Machinery.	
		Electives.	

DEPARTMENT OF MECHANIC ARTS

JAS. B. DUDLEY, President.
A. D. WATKINS, Acting Director and Instructor in
Masonry and Plastering.

L. P. BYARM, Technical Studies and Electricity.

R. L. CAMPBELL, Machine Shop Practice and Power Plant.

W. E. HOOKER, Instructor in Broom and Mattress Making.

G. B. LOVE, Instructor in Auto Mechanics.

JAS. E. REID, Instructor in Carpentry and Machine Wood Working.

C. G. Cox, Instructor in Tailoring.

—————, Instructor in Related Subjects Teachers and Shop Teachers. Co-operative with Smith-Hughes act.

COURSE OF STUDY LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICS

MECHANIC ARTS GROUP

FRESHMAN YEAR

Subject	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
Algebra	5	5	0
Plane Geometry	0	0	5
English	5	5	5
Modern History	3	3	3
Mechanical Drawing	3	3	3
Shop Lectures	1	1	0
Shop	3	3	3

SOPHOMORE YEAR

Subject	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
Plane Geometry	4	4	4
Solid Geometry	2	2	2
English	5	5	5
Physics	3	3	3
Descriptive Geometry	3	3	3
Materials of Construction.	2	2	2
Shop	3	3	3

JUNIOR YEAR

Plane Trigonometry	5	5½	0
Analytics	0	5½	5
Steam Engines	3	3	3
English	3	3	3
Mechanism	2	2	2
Mechanics	0	2	2
Heating and Ventilating..	0	3	0
Gas Engines	0	0	3
Electricity	2	2	2
Shop	3	3	3

SENIOR YEAR

Subject	Periods Per Week			
	Fall	Term	Win. Term	Spr. Term
Calculus	4		4	4
Chemistry for Engineers ...	2		0	0
Surveying	2		0	0
Sanitary Engineering	0		2	0
Strength of Materials.....	3		2	0
Hydraulics	3		0	0
Hydraulic Motors	0		3	0
Mechanical Engineering of				
Power Plants	0		3	2
Specifications & Estimates	0		0	2
Business Law & Contracts..	0		0	2
Thesis	0		0	5
English	3		3	3
Shop	3		3	3

The course in Mechanic Arts consists of academic and technical subjects, drawing and shopwork. The first four years' work is in the Trade School, while the other four years' study is in the college proper.

The academic and technical subjects and drawing are the same for all the students of any one class, but the phase of shopwork pursued may be selected by the student with the advice and approval of the director of the department and the president of the college.

Each student is required to spend at least one term in the study and practice of each of two industries allied to the work he expects to complete. This work in kindred

industries may be done at any time during the course at the discretion of the director of the department, but must be completed not later than the end of the fall term of the fourth year.

As far as practicable all industrial work is done from drawings or blue prints. The making of estimates and the writing of specifications form an important part of each shop course.

The courses offered by this department are:

(a) A four years' college course in Mechanic Arts leading to the degree of Bachelor of Science.

(b) Related Subjects Teachers.

Co-operative with the Smith-Hughes Act.

(c) Four-year Trade School combined academic and industrial courses.

(d) Four-year Trade School industrial courses.

(e) A Course in Auto Mechanics.

(f) Two-year Trade School industrial courses.

(g) Three-months' Trade School industrial courses.

(h) Shop Teachers. Co-operative with the Smith-Hughes Act.

Certificates are given for the satisfactory completion of any of the courses (b) to (h), inclusive.

EQUIPMENT

Buildings—The principal building is a two-story brick structure with basement. On the first floor are located the carpenter, lighting and plumbing and machine shops. The exhibit room is also on this floor. In the basement are the machine wood working and bricklaying shops, also the power and heating plant. The second floor contains the recitation, reading and drawing rooms and photographic studio.

The blacksmith shop is located in a one-story brick building at the rear of the main building. This is an up-to-date shop with the most modern equipment. An electric motor furnishes the necessary power.

The broom shop is a one-story frame building.

The reading room is provided with books of reference, and technical journals. Equipment in drawing consists of tables and drawing boards. Students must provide themselves with instruments and T squares.

An A. C. generator has been installed and is used for experimental purposes and for lighting the shops and the main building. A central heating plant is located in the Mechanical Building. This furnishes opportunity to study the operations of an improved steam heating system. Instruction in the following lines of work has been provided :

Architecture, blacksmithing and general repairing, machine shop practice, hand wood turning, machine wood working, bricklaying and plastering, broom and mattress making, carpentry, cabinet-making, practical electricity, and auto mechanics. Shop teachers and related subjects teachers: Co-operative with Smith-Hughes Act.

SUBJECTS OF INSTRUCTION

MECHANICAL DRAWING V.

Freshman: One lecture-recitation and two drawing periods per week. Fall Term. The student is taught the correct use of the drafting instruments and other materials for both pencil and ink work. Freehand drawing. Elementary projections. Drawing from copy and model.

MECHANICAL DRAWING B.

Freshman: One lecture-recitation and two drawing periods per week. Winter Term. Prerequisite, Mechanical Drawing 1. Lettering, orthographic and isometric projections. Reproductions of machine detail sketches. Tracing and blue printing.

MECHANICAL DRAWING 3.

Freshman: One lecture-recitation and two drawing periods per week. Spring Term. Prerequisite, Mechanical Drawing 2. Oblique projections. Drawing of machines from sketches and measurements. Machine sections and development of irregular surfaces. Detail work in gdrawings.

SHOP LECTURES.

Freshman: One 45-minute period per week first and second terms.

Lectures and recitations on the construction and use of wood working tools and machinery; on the structure of

wood and the production and preparation of lumber; on furnace and foundry practice and pattern making; on shop organization and equipment in general; on labor saving devices and shop costs; on shop methods adapted to vocational classes.

DESCRIPTIVE GEOMETRY.

Sophomores: One lecture-recitation period and two drawing periods per week throughout year. Theory of orthographic projection; the point, line and plane in the four quadrants; the properties of curved and warped surfaces; tangents; intersections and developments. Practical problems. Text: Miller's Descriptive Geometry. Prerequisite, Plane Geometry, Solid Geometry and High School Algebra.

MECHANISM.

Juniors: Two lecture-recitation periods per week throughout year. Under this head are studied the principles underlying the action or the elementary combinations of which all machines are composed; motions and velocities; vector diagrams; wheels, belts, screws and link work and the methods of calculating and laying out. Text: Keown—Mechanism.

SURVEYING.

Seniors: Use and care of Compass, Level, Thansit and Plane Table, with accompanying appliances. This course includes field work in practical problems and office work in plotting and computation. A strict standard is enforced in the form and style of the student's field records and office calculations. Text: Pence & Ketchum. Reference: Johnson's Theory and Practice of Surveying.

MATERIALS OF CONSTRUCTION. Messrs. Watkins, Reid and Love.

Sophomores: Two lecture-recitation periods per week. The student studies the principal materials that are used in building construction and in machine construction. Their uses, strength and general characteristics are discussed.

STRENGTH OF MATERIALS.

Seniors: This course consists of a review of the prin-

ciples of mechanics applicable to the behavior of materials under stress, the method of manufacture and the methods of testing. The mechanical theory of the subject is mainly discussed. The solution of practical problems forms a large part of this work.

Text: Merriman's Strength of Materials.

HYDRAULICS.

Seniors: Hydrostatics and the flow of water over weirs, through orifices, pipes and open channels are considered.

This course is also designed to make the student familiar with the several types of water wheels which are in common use today. The mechanical theory of the turbine and Pelton wheel is developed in detail.

Text: Merriman's Hydraulics.

STEAM ENGINES.

Juniors: The following subjects are treated: Types—simple, compound and triple expansion, automatic, rotary and turbines; care and management; indicators, indicated and brake horse power. Steam pumps are also considered in connection with steam engines.

A descriptive study of the various types and makes of steam generators in common use and the adaptability of each type to special locations is made, together with a consideration of combustion of fuels, boiler settings, boiler accessories, legal requirements. Three 45-minute periods per week during the fall and winter terms of the Junior year.

ANALYTIC MECHANICS.

Junior: This subject will be given throughout the Junior year. Two periods per week. An introductory course in mechanics, emphasizing both engineering and mathematical phases of the subject.

MECHANICAL ENGINEERING OF POWER PLANTS.

Seniors: The second and third terms of Senior year. A complete study of power plants, engines, boilers, pumps, traps, condensers, separators and turbines is made. Special attention is given to the cost of power, depreciation and repairs.

ELEMENTS OF ELECTRICITY. Mr. Love.

Juniors: This subject is begun in the Junior year with lectures and includes the practical application of electricity for power and light. During the winter and spring terms of the Junior year the student does laboratory work with a view to initiating himself into the methods of connecting circuits, the making of measurements and the use of common apparatus and instruments. Two 45-minute periods per week throughout the Junior year.

HEATING AND VENTILATING. Mr. Love.

Juniors: The course comprises lectures upon the various methods of heating and ventilating buildings. The development of systems of heating from the fireplace to the most modern systems now used is studied. In connection with the course the student takes practical work in steam-fitting and tin work adaptable to the repairing of furnaces and stoves. Three 45-minute periods per week during the winter term.

GAS ENGINES. Mr. Love.

Juniors: The aim of this course is to give such theoretical knowledge of the working of the two and four-cycle gas engine as will enable the student to make ordinary repairs intelligently. There is a gasoline engine and a kerosene engine in the laboratories of the department that are used for practical demonstrations. The great popularity of the automobile makes it very desirable that every student graduating from a mechanical school should have a knowledge of the gas engine. Prerequisite, Heating and Ventilating. Two 45-minute periods per week during the spring term of Junior year.

SANITARY ENGINEERING.

Seniors: Two lecture-recitation hours per week, second term. Prerequisite, Hydraulics. A study of the principles of sewerage collection systems as applied to the design of separate and combined sewers and storm drains and the study of sewage disposal. Surveys and plans are required.

SPECIFICATIONS AND ESTIMATES.

Seniors: Two lecture-recitation hours per week, third term. A practical course in specifications and estimates.

Original plans with proper specifications and detail estimates are required.

CHEMISTRY FOR ENGINEERS.

Seniors: Two lecture-recitation hours per week, first term. A lecture course. A practical application of chemistry in the Civil, Electrical and Mechanical fields. Among the topics discussed are waters, fuels, cements, clay products, paving materials and explosives, electric batteries and insulating materials.

BUSINESS LAW AND CONTRACTS.

Seniors: Two lecture-recitation hours per week, third term. A lecture course in business law and contracts for technical students.

CALCULUS.

Seniors: Four lecture-recitation hours per week throughout year. In differential calculus, the fundamental principles will be developed, applied and correlated with the applied sciences and engineering usage. In integral calculus a detailed treatment of indefinite and definite integrals; successive integration with application to areas, surfaces and volumes; center of gravity; moment of inertia; subtangents; subnormals, symptotes; curvatures and a short course in Differential Equations. Text: Granville.

I.—CARPENTRY. J. E. Reid.

Each student in this course is given instruction in house capacity, shop carpentry, cabinet making, wood turning and practice on woodworking machinery.

1ST YEAR:

(1) Care and use of tools. (2) Arrangement of shop. (3) Sharpening and setting tools for use. (4) Straightening, squaring and bevelling. (5) Working to dimensions. (6) Ten steps in manual training exercises. (7) Practical repair work.

2ND YEAR:

(1) Sketch drawing. (2) Practical framing and repair work. (3) Principals of cabinet making machine practice. (4) Sketch drawing continued.

3RD YEAR:

(1) Wood turning and other machine practice. (2) Cabinet work and practical carpentry. (3) Continued repair work.

4TH YEAR:

(1) Shop management and superintendence. (2) Test work in cabinet making and carpentry. (3) Bills of material estimates. (4) Ordinary designs. (5) Building inspection. (6) Practical work continued.

II.—BLACKSMITHING AND WHEELWRIGHTING. Mr. Holt.

Each student is given a forge and a set of tools, and is taught the name of each tool and how to use them and care for them. He is taught how to build a fire to assure a good job. He is given iron and is taught how to draw out round, square and flat points, from blue prints, and how to do various welds. Regular talks are given to working drawings, materials, technical problems, estimates, etc.

2ND YEAR:

Drawing out iron, making tools and tempering, making corner wells, butt wells, different heats for proper iron and steel wells. Special stress is laid on horse shoeing, putting on rubber tires, building wheels and tracking axles. The business side of the trade is studied through the course. Lessons are taken from blue print numbers 12 to 24.

3RD YEAR:

Banding, strapping, twisting, upsetting, bolt making, thread cutting, and general tool making make up this year's work. Lessons are from blue print numbers 24 to 35.

Wagon building, cutting and welding tires, welding buggy axles, shoeing horses, forging tools and tempering steel complete the course.

III.—BRICKLAYING AND PLASTERING. Mr. Watkins.

The course in bricklaying is designed to cover four years. Each student is given practical instruction in house building, chimney and flue construction, concrete work, plastering and kalsomining.

Regular periods and talks are devoted to working drawings, materials, formulas, technical problems, estimates, etc.

All models are constructed from prints or working sketches.

1ST YEAR :

Fall Term.—Talks on mortar and tools, mixing mortar, processes, spreading mortar, rules and formulas, technical terms, straight piers, four foot walls, corner piers, general helpers and selecting bricks.

Winter Term.—Corner pipes, T piers, rough concreting, 9 foot walls, study of various bonds, scaffold construction and study of brick manufacture.

Spring Term.—Pointing exercise, kalsomining, sketch drawing, angular piers, and study of areas and embical contents..

2ND YEAR :

Fall Term.—Row lock arches, underpinning, practical talks, estimates and soil testing.

Winter Term.—Lathing, single fire places, line work with openings for speed and neatness, flues, plastering, window and door setting and raising corners.

Spring Term.—Double fire places, plastered walls, working drawings and technical problems.

3RD YEAR :

Fall Term.—Concreting (reinforcement), bonded arches.

Winter Term.—White coating and sand finishing, panel and projection exercises, step constructions, superintending work, and blue print study.

4TH YEAR :

Fall Term.—Carpentry.

Winter Term.—Gothic and flat arches; three-cornered fire places, estimates, specifications and contracts.

Spring Term.—Pressed brick exercises and thesis work.

Advanced work for students who have covered the regular four-year course—Repair work and supervision, shop management, review of intricate exercises, white coating, pressed brick exercises, house planning, blue print work, estimates and contracting and study of building law.

IV.—BROOM-MAKING. Mr. Hooker.

1ST YEAR :

The students first learn to separate the broom corn into insides and hurl to grade the insides and hurl for the several classes and grades of brooms. Sizing, cutting, bursting and dyeing are also taught during this year.

2ND YEAR :

Sewing and bunching brooms and making brooms, whisks and toy brooms is the work of this year, together with a study of the business side of the trade. Mattress making is also taught during this year in connection with broom-making.

V.—MACHINE SHOP PRACTICE.

Students in this course shall be required to complete all exercises from blue print drawings and sketches to be furnished the student and a rigid inspection of each exercise when completed.

Prerequisite: No student will be allowed to enter the machine shop course proper until he has spent sufficient time in the blacksmith shop to satisfy the instructor that he is able to forge, weld and especially to make and temper his own machine shop tools. Required time 1, 2 or 3 terms, depending on the individual equation.

1ST YEAR IN SHOP—ELEMENTARY WORK :

Fall Term.—Lathe and Shaper practice. Care of machines.

Winter Term.—Lathe and Shaper practice with extended use of cutting tools.

Spring Term.—Lathe and Shaper practice. Boring bars. Speeds and Feeds.

3RD YEAR IN SHOP—ADVANCED WORK :

Fall, Winter and Spring Terms.—Tool grinding. Use of measuring instruments. Lecture and visiting other shops. Job sketching and estimating. Design and construction of some form of machine. Shop management and superintendence.

VI.—AUTO MECHANICS. Mr. Love.

This course is given:

1st. To train students in auto, truck and tractor driving.

2nd. To give instruction in care and repair of tractors, trucks and automobiles.

Certificates for the completion of this course will be given only to young men of exemplary habits who have demonstrated that they are careful, polite and reliable. The college reserves the right to withhold certificates unless applicant satisfies the proper college officials that he possesses the qualities indicated.

Students applying for this course whether Agricultural or Mechanical, at the discretion of the director, will be required as preparation to take preliminary courses given in the Blacksmith Shop, Machine Shop, and Carpentry Shop.

Students taking this course will be required to pay a fee of \$3.00 per term.

TEACHER TRAINING COURSE IN VOCATIONAL
INDUSTRIES

B. Co-operative with Smith-Hughes Act.

a. SHOP TEACHERS.

(1) Entrance Requirements. The entrance requirements in the residence course for the training of shop teachers will be the same as the entrance requirements of the institution.

(2) Length of Course. The length of the strictly professional course will be nine session hours and the completion of a regular trade course at the institution.

(3) Course of Study. The course of study for shop teachers at the A. & T. College will consist of the following:

(a) Completion of the trade course.

(b) Completion of the professional work as is indicated in the Junior and Senior years of the related subjects course, which consists of the following:

General Methods of Teaching. Three hours throughout the year.

Special Methods of Teaching. Three hours throughout the year.

Administration of Vocational Education. Two hours throughout the year.

Observation and Practice Teaching. One hour for each, Fall and Winter Term.

Factory Methods. One hour for the Spring Term.

(4) Provisions for Observation and Practice Teaching. During the Senior year, the pupils preparing themselves for shop teachers will take charge of the regular trade classes at the institution, under the direct supervision of the teacher-training instructor and the instructor of the particular trade shops.

(5) Graduation Requirements. On completion of the above outlined course, pupils will be given a certificate as shop teachers, provided they have had at least one year of practical experience in their trade.

(6) Relation to Certification. In addition to the certificate issued by the institution, the State Board of Examiners will, on recommendation of the State Board for Vocational Education, issue a special certificate for teaching shop subjects in vocational schools or classes.

b. RELATED SUBJECTS TEACHERS.

(1) Entrance Requirements. The teacher-training course for related subjects teachers will begin with the third year college course. The Freshman and Sophomore years will therefore be required as a prerequisite for the teacher-training course.

(2) Length of Course. The length of the teacher-training course will be two years and will consist of nine session hours of strictly professional work and with the college course making the same number of hours as required for regular college graduation.

(3) Course of Study.

JUNIOR YEAR

Subject	Periods Per Week			
	Fall	Term	Win. Term	Spr. Term
Chemistry	3		3	3
English	5		5	5
Solid Geometry	0		0	4
Trigonometry, Plane	5		5½	0
Analytics	0		5½	5
Mechanical Drawing	2		2	2
Electricity	2		2	2
Gas Engines	0		0	3

Heating and Ventilation ..	0	3	0
Mechanics	0	2	2
Steam Engines	3	3	0
Shop Work	3	3	3

SENIOR YEAR

	Periods Per Week		
	Fall Term	Win. Term	Spr. Term
Surveying	2	0	0
English	3	3	0
Economics	0	5	0
Strength of Materials	2	0	0
Hydraulics	2	0	0
Hydraulic Motors	0	2	0
Power Plants	0	2	0
Shop Work	3	3	3
Special Methods:			
* (a) Methods of Organizing Related Mathematics for Vocational Classes	3	0	0
* (b) Methods of Organizing Related Science for Voca- tional Classes	0	3	0
* (c) Methods of Organizing R e l a t e d Mechanical Drawing for Various Trade Courses	0	0	3
* Administration of Voca- tional Education	2	2	2
* Observation and Practice Teaching	1	1	0
* Factory Methods, Job Tickets, Routing, Work, etc.	0	0	1

*Courses subject to Federal Aid.

(4) Provision for Observation and Practice Teaching. During Senior year, the pupils preparing themselves for related subjects teachers will take charge of regular classes in trade courses under the direct supervision of the teacher-training instructor and the instructor of the particular subject.

(5) Graduation Requirements. On completion of the above outlined course, pupils will be given a certificate as related subjects teachers.

(6) Relation to Certification. In addition to the diploma issued by the institution, the State Board of Examiners will, on recommendation of the State Board for Vocational Education, issue a special certificate for teaching the related subjects in vocational classes of the State schools.

ACADEMIC FACULTY

JAS. B. DUDLEY, President.

F. D. BLUFORD, Director and Instructor in English.

D. K. CHERRY, Instructor in Mathematics.

JOHN H. PINKARD, Instructor in Bookkeeping and English.

J. A. GRIMES, Instructor in History and Mathematics.

R. C. BOWLING, Instructor in Music and English.

W. H. MARKHAM, Bursar and Registrar.

DESCRIPTION OF COURSES

MUSIC

FRESHMAN CLASS

MUSIC.

Fall Term. Course in musical appreciation. The piano.

Winter term. Course in musical appreciation. The voice.

Spring Term. Course in musical appreciation. The orchestra and music in America.

SOPHOMORE CLASS

MUSIC

Fall Term. Course in biography of the makers of music.

Winter Term. The great composers and some of their contemporaries.

Spring Term. America and its composers and music.

JUNIOR CLASS

MUSIC

Fall, winter and spring terms.

History of Music.

SENIOR CLASS

MUSIC

Review of course in Public School Music.

Ear-training, sight-reading, writing and practice teaching. Musical Form, Study of the Child Voice.

ENGLISH

The purpose of this department is to give the student a practical knowledge of English composition and literature. The courses offered for the session of 1920-1921, have been arranged to meet the needs of the students for training in direct, accurate and clear English and for a wider acquaintance with the best literature.

1. English Composition and Rhetoric. A general survey of the principles of composition; a study of prose models; themes and conferences. Fall Term. Five hours. Required of all Freshmen.

2. English Composition and Rhetoric. Continuation of English 1. Winter Term. Five hours. Required of all Freshmen.

3. English Composition and Rhetoric. Continuation of English 2. Argumentation. Spring Term. Five hours. Required of all Freshmen. Text—The New English Composition and Rhetoric, Scott and Denny.

4. English Literature. A survey course; special attention to the works of representative writers; parallel readings; written reports; themes on assigned subjects. Fall Term. Three hours. Required of all Sophomores.

5. English Literature. A continuation of English 4. A more intensive study of masterpieces in class; wider reading out of class. Winter Term. Three hours. Required of all Sophomores. Text—Long's English Literature.

6. American Literature. A survey of American Literature from its early beginnings to the present. Spring Term. Three hours. Required of all Sophomores.

7. American Literature. An intensive study of American poetry, essays and orations. Fall Term. Three hours. Required of all Juniors.

8. Argumentation and Debating. This course is designed to train students in the logical and systematic methods of thought; special emphasis will be placed upon the framing of propositions, the study of evidence, and other essentials of Argumentation. Winter Term. Three hours. Required of all Juniors.

9. Argumentation and Debating. A continuation of English 8; special emphasis will be placed upon oral and

written debates. Spring Term. Three hours. Required of all Juniors.

10. Negro Authors. A detail study of Negro poets and prose writers; parallel readings; written reports. Fall Term. Three hours. Open to Seniors.

11. Technical Writing. A practical course in the composition of themes dealing with technical subjects, business letters and reports. Winter Term. Three hours. Open to Seniors.

12. Technical Writing. A continuation of English 11; reading model addresses; public speaking. Spring Term. Three hours. Open to Seniors.

MODERN HISTORY AND ECONOMICS

MODERN HISTORY.

Fall Term.—Rise of Germanic peoples. The effects of the crusaders on arts, science and commerce. Influence of Christianity in shaping the civilization of the Middle Ages. Current Events.

Winter Term.—The Reformation in Europe. The period of absolute monarchy. The rise of democracy and modern nations with special reference to the expansion of the United States. Current Events.

Spring Term.—General Review. Current Events.

Text-book: West's Modern History.

SENIOR

ECONOMICS.

Winter Term.—The scope of the science of economics. The principles of economics as applied to land, labor and capital. The economy of spending and saving; organization of production; meaning of value. Money, credit and banking. Distribution of the products of economy effort—wages and profits. Public finance.

Text-book: Carver's Principles of Rural Economics.

MATHEMATICS

The technical student, whether agricultural or mechanical, must have a thorough grounding in principles of estimates and computations, research and investigations, all of which are founded, more or less, upon the

principles of mathematics; and so the course here is designed to equip the student with this necessary mental machinery, and at the same time to broaden his horizon and his grasp. Everything is as practical as possible. Every new principle is given immediate application, as far as possible, in a college setting, and in all departments students are required to bring in of their own manufacture original problems and exercises supplementary to those in the text-books.

FRESHMAN CLASS

ALGEBRA.

Fall Term.—Powers and roots. Laws of exponents. Binomial theorem. Fractional exponents. Processes with radicals. Equation.

Winter Term.—Quadratic equation, with problems involving the same. Simultaneous quadratic equations with problems and graphic solutions.

Spring Term.—Further study of the laws of exponents, cube roots, arithmetical and geometrical progressions; logarithms.

Text-book: Wentworth and Smith's Academic Algebra.

SOPHOMORE

PLANE GEOMETRY.

Fall Term.—Geometric conceptions and magnitudes. Elementary principles. The geometry of rectilinear figures with constructions, applications and exercises. Book I.

Winter Term.—The geometry of the circle, followed by the geometry of similar polygons. Special attention will be given to constructions and applications. Books II and III.

Spring Term.—The geometry of areas. Neighboring fields and plots will be measured, drawn to scale, and their areas computed. The geometry of regular polygons will follow, together with measurement of the circumference and circle.

Text-book: Hart & Feldman's Plane and Solid Geometry.

JUNIOR

SOLID GEOMETRY AND TRIGONOMETRY.

Fall Term.—Lines and planes in space. The geometry of the pyramid, cone, sphere, etc.

Winter Term.—Trigonometry. Scope and practical applications of trigonometry. Function of angles. Logarithms. Solution of right angles.

Spring Term.—The oblique triangle. Areas of triangles. Practical applications.

Text-books.—Hart & Feldman's Geometry; Wilezynski's Trigonometry.

TRADE SCHOOL COURSE

FIRST YEAR TRADE

NEGRO HISTORY.

Fall Term.—Studies in Negro Biography.

Winter Term.—Studies in Negro Biography.

Spring Term.—Education and national progress at the present time. Studies in Negro Biography.

FIRST YEAR TRADE

ENGLISH.

Language work is begun; the student is taught to express simple ideas gathered from his own experience in the various industries of the college or suggested by stories and pictures. Special attention will be given to the elementary principles of grammar, such as the use of capitals, punctuation, abbreviations, simple paragraphing and letter writing. In the spring term short themes on the students' trade work will be required.

Text-book: Emerson and Bender, Book One.

FIRST YEAR TRADE

READING.

The aim of this course is to train the discriminating power, express activity, strengthen the moral sentiment and memory, and establish the capacity for intelligent, fluent reading in the student. Great pains are taken to secure alluring and instructive reading without sacrificing simplicity of thought and expression.

Text-books: Baker-Carpenter Series.

FIRST YEAR TRADE

GEOGRAPHY.

Fall Term.—The first part of the year's work is local and is based on the observation of the student. (a) Direction, distance, color, form; (b) Weather charts.

Winter Term.—The work for this and the following term is foreign and depends upon the imagination of the student. It is stimulated by pictures, stories, vivid descriptions and a set of geographical charts recently purchased by the college. (a) Conception of the world as a whole; (b) Different types of people; (c) Imaginary excursions.

Spring Term.—Local occupations.

Text-book: Dodge's Primary Geography.

FIRST YEAR TRADE

ARITHMETIC.

Fall Term.—Review of the four fundamental operations with numbers consisting of as many as eight figures. Cancellation. Reading, writing and reduction of simple fractions. Addition and subtraction of fractions.

SECOND YEAR TRADE

NEGRO HISTORY.

Fall Term.—The Negro in Ancient History.

Winter Term.—Contact of the Negro with western civilization.

Spring Term.—Education and national progress at the present time.

Text-book: Brawley—History of the Negro.

GEOGRAPHY.

Fall Term.—Principles of Geography. Geography of the United States, Dominion of Canada, Mexico.

Winter Term.—Trade and navigation. South America, Europe, Asia, Africa.

Spring Term.—Australia, Philippine Islands, Oceania, General Review.

Text-book: Dodge's Comparative Geography.

SECOND YEAR TRADE

ARITHMETIC.

Fall Term.—Careful review of both common and decimal fractions. Denominate numbers. Percentage.

Winter Term.—Review problems in industries. Measures and equivalents, with numerous exercises and applications.

Spring Term.—Percentage. Profit and loss. Commission. Discount. Interest. General Review.

Text-book: Milne's Arithmetic, Book II., Part II.

SECOND YEAR TRADE

READING.

The aim of this course is to train the discriminating power, express activity, strengthen the moral sentiment and memory, and establish the capacity for intelligent, fluent reading in the student. Great pains is taken to secure alluring and instructive reading without sacrificing simplicity of thought and expression.

Text-book: Baker-Carpenter Series.

SECOND YEAR TRADE

The study of formal grammar is begun. Special mention is given to the formation and application of rules and definitions concerning the grammatical structure of the sentence. Study of analysis and inflection is emphasized and the special rules for the use of various cases are studied and applied. Careful attention is given to the development of the paragraph, and the rules and convention governing the various forms of correspondence will be emphasized.

Text-book: Emerson and Bender—Modern English, Book II.

SECOND YEAR TRADE

FREEHAND DRAWING.

Fall Term.—Autumn leaves, branches, trees. Pencil painting. Calendar-making.

Winter Term.—Story illustration. Construction work.

Spring Term.—Budding twigs; flower painting; landscape.

SECOND YEAR TRADE

MUSIC

Fall Term.—Review of work of first year. Study of rhythmic types of one beat. Review of keys of C, G, and F., reading and singing exercises.

Winter Term.—Study of "Divided beat" and "Double figures." Study of keys of D. and B flat. A and E flat. Writing, reading and singing. Rhythmic and voice work.

Spring Term.—General review of all work covered and study of keys of E and A flat. Rhythmic and voice work.

THIRD YEAR TRADE

Fall Term.—Review of the parts of speech. The study of the sentence. Oral and written composition.

Winter Term.—Composition continued. Analysis and diagramming of sentences. Letter writing.

Spring Term.—Letter writing and composition continued. Parsing.

Text-book: Emerson and Bender's Modern English, Book II.

THIRD YEAR TRADE

UNITED STATES HISTORY.

Fall Term.—Period of Discovery. Settlement of the thirteen colonies.

Winter Term.—Period of Revolution and making of Republic.

Spring Term.—War of Secession. Reconstruction.

Text-book: Chandler's Our Republic.

THIRD YEAR TRADE

PHYSICAL GEOGRAPHY.

Fall Term.—The earth as a globe. The atmosphere. The ocean. Shore lines.

Winter Term.—The land; planes and plateaus; mountains; volcanoes.

Spring Term.—River valleys; glaciers and deserts; distribution of plants animals and man.

Text-book: Davies' Physical Geography.

PHYSIOLOGY AND HYGIENE.

The aim of this course is to teach the student to under-

stand the elementary functions of the body so that he may apply this knowledge to the practical safeguarding of his own health and that of his community.

Fall Term.—The physiology of bone, muscles, foods, and digestion.

Winter Term.—The physiology of circulation, respiration, skin and nervous system.

Spring Term.—Elementary hygiene. Bacteria and their relation to man. Preventable diseases. Personal hygiene. The sanitation of the home.

Text-books: Richie's Physiology; Ritchie's Primer of Sanitation.

THIRD YEAR TRADE

FREEHAND DRAWING.

Fall Term.—Autumn growths—grasses, weeds, hedges, seed pods; landscapes; perspective.

Winter Term.—Decorative treatment—treatment that does not seek to express fact or reality, but aims to express arrangement of lines, masses, or color whether from natural or abstract motives in accordance with the principles of designs. Book designs, stencil designs, programme designs, portfolios.

Spring Term.—Spring flowers; animal drawings; still life drawing.

THIRD YEAR TRADE

ARITHMETIC.

Fall Term.—Thorough review of fractions. Special attention to complex fractions. Analysis by equations. Denominate numbers.

Winter Term.—Percentage and all its applications. Interest, with special methods of solution.

Spring Term.—Mensuration. Special attention to computation of areas. Powers and roots. General Review.

Text-book: Milne's Arithmetic, Book III.

THIRD YEAR TRADE CLASS

MUSIC.

Fall Term.—Review of work of the previous year. Study of rhythmic types of one beat. The dotted notes.

Winter Term.—The "Divided beat." The "Double figure." Study of key of E flat. A, A flat and E.

Spring Term.—General review of all work covered and study of the Chromatic scale.

FOURTH YEAR TRADE

ENGLISH.

Review of English Grammar paragraph writing; description and narration; three short themes a week.

Winter Term.—The work of the Fall term is continued in the Winter Term.

Spring Term.—Descriptive and narrative writing; attention will be given to the short story; three themes a week; a prescribed course in reading supplements the work.

Text: Practical English for High Schools, Lewis & Hoscic; Webster's Secondary School Dictionary.

FOURTH YEAR TRADE

CIVICS.

"The ideal citizen is a man who believes that all men are brothers, and that the nation is merely an extension of his family, to be loved, respected and cared for accordingly."—Haberton.

The chief aim of the instruction in civics is to train the student for intelligent and conscientious participation in civic activities.

The pupils are urged to watch the daily newspapers for items of practical interest. A record of these items and their observations is kept in a note-book and furnishes concrete illustrations to the general description of the text-book.

The student is encouraged to visit charitable, penal and educational institutions, established and maintained by the Commonwealth in order that he may more thoroughly understand the responsibilities and obligations devolving upon the citizen.

Fall Term.—Fundamental principles of civil government. Formation of the government of North Carolina.

Winter Term.—Study of the government of North Carolina in operation.

Spring Term.—Qualifications, right and duties and responsibilities of citizenship.

Text-book: Peeles' Civil Government.

FOURTH YEAR TRADE

FREEHAND DRAWING.

Fall Term.—Expressing simple forms by lines. Study of the position and proportion of figures. Pictorial work. Especial attention is given to characteristic sketches of each month.

Winter Term.—Pictorial work continued. Design; decorative and constructive design.

Spring Term.—Pictorial work continued. Out-of-door study; pencil and water color work. Plant study.

FOURTH YEAR TRADE

ALGEBRA.

Fall Term.—Algebraic thought and language. The simple equation in common formulas. Negative numbers. Parentheses. Formal addition, subtraction, multiplication and division, with equations involving the same.

Winter Term.—Problems in equations. Special products and quotients. Factoring, addition, subtraction, and multiplication and division of fractions.

Spring Term.—Simple practical equation. Ratio and proportion. Simultaneous linear equations. Graphs of linear equations.

Text-book: Wentworth and Smith's Academic Algebra.

FOURTH YEAR TRADE CLASS

MUSIC.

Fall Term.—Review of previous year's work. Rhythmic types developed. Thorough drill in intermediate tones.

Scales of B. and D flat, C sharp and C flat.

Winter Term.—The minor scales. Chromatic scales in all keys. Dictation and blackboard work.

Spring Term.—General review of all work from the beginning.

FOURTH YEAR TRADE

BOOKKEEPING.

Fall Term.—Double Entry—Study of Debits and Credits. Study of the various accounts, Capital, Cash, Merchandise, Personal, Profit and Loss, Journal, Ledger and Trial Balance Books, Balancing and Closing of Accounts, Commercial Correspondence—Study of Business Papers

and Letters, Modes and Forms of Expression, Instruction as to Filing Letters and Papers.

Winter Term.—Posting, Ruling, Balance Sheet, Pass-book, Writing Checks, Closing Ledger, Partnership, Ex-services in Commercial Correspondence.

Spring Term.—Closing out of Business. Resources and Liabilities, Commercial Law and Business Papers. Contracts—Construction, Arrangements, Essential Elements, Persons Competent to Make Contracts. Partnership—Advantages and Disadvantages, Rights, Duties. Corporations—Powers and Liabilities, Advantages, Formation, Laws Governing Them. Agency—How Created; Principal—His Duties, Rights and Liabilities; Agent—His Duties, Rights and Liabilities. Negotiable Papers, Notes, Bonds, Money Orders, Drafts, Endorsements, Protests, Duties of Holder. Legal Papers—Deeds, Deeds of Trust, Mortgages, General Principles governing same.

Text-book for Bookkeeping: The Twentieth Century Bookkeeping and Office Practice. J. W. Baker, Knoxville, Tenn. Practical Law. Ellis Publishing Co.

ANCIENT HISTORY.

Fall Term.—Ancient History—Contributions to modern civilization of Egyptians, Assyrians and Babylonians, Hebrews and Phoenicians.

Winter Term.—The story of the Greek people. How they saved Europe to democracy. Influence of Greek civilization upon the life of modern nations.

Fall Term.—The rise of Rome. Influence of Rome on the modern world.

Text-book: West's Ancient History.

OTHER SUBJECTS.

In addition to the subjects and courses herein described the Faculty will cheerfully arrange if possible for any other subjects that students desire to take, provided the demand is sufficient to justify additional labor and expense.

NIGHT SCHOOL

In order to extend the usefulness of this institution as far as possible among young men who are without means or friends to assist them, a night school will be conducted that will permit students to work during the day and

attend school at night. While the opportunities for advancement in the night school will not be equal to those of the day school, the best that the conditions permit will be given, and students attending the night school may eventually arrange to enter the day school. Courses completed in the night school receive the same credit as if completed in the day school.

It is especially desirous that the young men of the city who are employed during the day will avail themselves of this opportunity.

To enter the night school, the applicant should be sixteen years of age, and he should first secure work. This may be done by sending a written application to the president, A. & T. College, Greensboro, N. C.

TEXT-BOOKS USED IN AGRICULTURAL AND TECHNICAL COLLEGE

FIRST YEAR TRADE SCHOOL CLASS

Emerson and Bender's Englist, Book II, 40 cents; Milne's Progressive Arithmetic, Book II, 36 cents; Noble and Steven's Practical Arithmetic, 40 cents; Dodge's Primary Geography, 45 cents; Baker-Carpenter's Language Reader, Book IV, 36 cents; Merrill's Speller, Book I, 20 cents; New Educational Music Course, (Ginn), First Reader, 30 cents; Negro History, Brawley, \$1.00.

SECOND YEAR TRADE SCHOOL CLASS

Dodge's Comparative Geography, 90 cents; Negro History, Brawley, \$1.00; Emerson and Bender's English Book II, 60 cents; Merrill's Speller, Book I, 20 cents; The Laurel Unison Song Book; Baker-Carpenter's Language Reader, Book V, 36 cents; Milne's Progressive Arithmetic, 36 cents; Lessons with Nature, 50 cents, Mebane; Farm Arithmetic, \$1.00; Elementary Sloyd and Whittling, 75 cents.

THIRD YEAR TRADE SCHOOL CLASS

Merrill's Speller, Book II, 20 cents; Ritchie's Physiology, Book I, 96 cents; Emerson and Bender's Modern English, Book II, 60 cents; Milne's Progressive Arithmetic, Book III, 41 cents; Tarr's New Physical Geography, \$1.00; The Laurel Unison Song Book.

FOURTH YEAR TRADE SCHOOL CLASS

Ancient History, West's, \$1.50; The Appolo Song Book, G; Practical English for High Schools, Lewis and Holic, \$1; Literatary Masterpiece, Houghton, Mifflin & Co., 90 cents; Merrill's Speller, Book II, 20 cents; Bookkeeping Outfit, Southwestern Publishing Co., \$1.50; Civil Government, Peele, 60 cents; Wentworth & Smith's Academic Algebra, \$1.00; Farm Arithmetic, Burkett, \$1.00; Animal Husbandry, Plumb, \$1.25.

FRESHMAN CLASS

Wentworth & Smith's Academic Algebra, \$1.00; Hunt and Burkett's Farm Animals, \$1.50; Modern History, West's, \$1.50; Scott and Denney's Rhetoric, \$1.00; Merrill's Speller, 20 cents; The Apollo Song Book, G; Drawing Set, \$5.00.

SOPHOMORE CLASS

Hart & Feldman's Plane and Solid Geometry; Physics, Bergen, \$1.25; Snyder's Chemistry, \$1.50; The Apollo Song Book, G; Plumb's Animal Husbandry, \$1.25; Robinson's Principles of Poultry Husbandry, \$1.25; Van Sylke's Dairying, \$1.00.

JUNIOR CLASS

Conn's Bacteriology, \$2.00; Shaw's Animal Breeding, \$1.50; Duggar's Field Crops, \$1.75; Van Slyke's Modern Methods of Testing Milk, \$1.00; Bailey's Principles of Fruit Growing; Merriman's Elements of Mechanics, \$1; Hart & Feldman's Plane and Solid Geometry, Merrill's Speller, Book II. The Apollo Song Book, G.

SENIOR CLASS

King's Agricultural Physics, \$1.75; Sanderson and Jackson's Entomology, \$2.00; Robinson's Poultry, \$2.50; Davidson's Agricultural Engineering, \$1.50; Wylczynski Trigonometry, \$1.50; The Apollo Song Book, G; Bailey's Plant Breeding, \$1.25; Snyder's Chemistry of Plant and Animal Life, \$1.50; Noye's Qualitative Analysis; Merriman's Strength of Materials, \$1.00; Merriman's Hydraulics, \$1.00; Carver's Principles of Rural Economics, \$1.00.

SUNDAY SCHOOL TEACHER TRAINING

Though ours is a state institution, we are not unmindful of the fact that the three fold development, head, hands and heart, of those who matriculate with us should receive our honest attention. With this conviction in mind, our Sunday school is offering the following courses for the benefit of those who may have any inclination to better fit themselves for doing more effective Sunday School teaching.

JUNIOR YEAR

The First Standard Course—"Preparation for Teaching," by Charles A. Oliver, is given to this class. The course aims to give a working knowledge of the Bible as a whole; to acquaint the student with religious institutions and to give the elementary principles and methods of teaching.

SENIOR YEAR

This class takes the Advanced Standard Course. The course stresses Old Testament contents. New Testament writers, knowledge of pupil and teaching; fundamentals of church history, missionary methods for Sunday School workers and the organized Sunday School. Diplomas of the International Sunday School Association will be given upon the completion of either of the above courses.

LIST OF GRADUATES

1899

"No steps backward."

Cheek, W. T. C., B. S., Col. High School, Instructor in
Manual Training and Physics.....Charleston, W. Va.
Cunningham, I. C., B. S., M. D., Physician,
Winston-Salem, N. C.
Curtis, A. W., B. Agr., M. S. A., Head Department of
Agriculture, W. Va. Col. Institute....Institute, W. Va.
Falkener, E. L., B. Agr., Principal of Co. Graded
School Warrenton, N. C.
Joyner, J. M., B. Agr., Postoffice Clerk, 1330 S. Market
Street Philadelphia, Pa.

- *Robinson, P. E. Raleigh, N. C.
 *Watson, A. Greensboro, N. C.

1900

"By our efforts we rise."

- *Best, C. H. Grover Hill, N. C.
 Green, J. H., M. S. Philadelphia, Pa.
 Moore, R. D., B. Agr., Postal Clerk.... Wilmington, N. C.
 Neal, J. P., B. S. 1119 G St., N. E., Washington, D. C.
 Plummer, E. S., B. S., Mechanic,
 35 West 21st Street, New York City
 *Quick, J. R. Laurinburg, N. C.
 Robinson, Chas., B. S., Photographer, Tuskegee Inst., Ala.

1901

"Fortune favors the brave."

- Colson, E. F., B. Agr., Farm Demonstrator,
 Ansonville, N. C.
 Edwards, G. A., M. S., President Kittrell College,
 Kittrell, N. C.
 Grimes, Frances T., B. S., 54 Mountain St.,
 Asheville, N. C.

1902

"After the contest, victory."

- Bullock, Mrs. H. A., B. S. Greensboro, N. C.
 *Henderson, A. P., B. Agr. Chicago, Ill.
 Hepler, T. H., B. Agr.
 Holcome, A. J. P., B. Agr. Raleigh, N. C.
 *Garrett, Mrs. F. E. Greensboro, N. C.
 Mebane, A. L., B. Agr., M. S. A., Director Agricultural
 Department, Florida A. & M. College. Tallahassee, Fla.
 Quinn, Wm., B. S., Plumber Raleigh, N. C.
 White, W. A., B. Agr.

1903

"More beyond."

- Alexander, W. G., B. S., Engineer,
 422 Elton St., Brooklyn, N. Y.,
 *Deceased.

Amey, Chas. C., B. S. Durham, N. C.
 Burnett, A. C., B. Agr., Director Vocational
 Education Lexington, Ky.
 Forney, H. G., B. Agr., Farm Demonstrator. Bricks, N. C.
 Haywood, Burke, B. S., Mechanic.
 Holmes, J. W., B. S., Architect, St. Augustine
 School Raleigh, N. C.
 Hunter, C. C., B. Agr. West Raleigh, N. C.
 Jefferson, C. B., B. S. Warrenton, N. C.
 McLendon, J. R., B. S., R. R. Mail Clerk, Kansas City, Mo.
 Robinson, R. R., B. Agr., Meharry Medical College,
 Nashville, Tenn.
 Robinson, W. F., B. Agr., Farm Demonstrator,
 Dublin, Ga.
 Yores, Edward, B. S....824 N. 13th St., Philadelphia, Pa.

1904

"Through the dust to the stars."

Chance, W. C., B. Agr., Pres. Parmele Industrial
 Institute Parmele, N. C.
 Greenlee, Percy C., B. Agr. Asheville, N. C.
 Jones, I. A., B. Agr. Rocky Mount, N. C.
 Oldham, A. A., B. S., Architect, Chestnut St.,
 Greensboro, N. C.
 Ramseur, L. L., B. Agr., Principal of Col Graded
 School Hickory, N. C.
 *Reaves, W. V. Glendon, N. C.

1905

"Thus ends our first lesson."

Hooper, L. B., B. S.
 Johnson, J. I., B. Agr., Dairyman,
 407 E. Euclid Ave., Detroit, Mich.
 Lamb, W. M., B. Agr., Teacher.....Claremont, Va.
 Richie, E. W., B. S....25 Wolwick St., Spartanburg, S. C.
 Turner, R. R., B. S., TinnerWest Raleigh, N. C.
 Watson, P. M. S., Instructor Kentucky Normal and
 Industrial Institute Frankfort, Ky.

Specials

Jones, G. W., Carpenter Mebane, N. C.
 Prather, E. A. Hayti St., Raleigh, N. C.
 *Deceased.

1906

"Our aim, victory."

*Ford, I. R., B. S. Rutherfordton, N. C.
 Greenlee, N. B., B. Agr. New York City
 Hawkins, J. A., B. S., Mechanic Cary, N. C.
 *Johnson, W. T., B. Agr.
 McRae, S. D., B. Agr., Insurance Mgr.... Edenton, N. C.
 Rand, John Milton, B. Agr., Contractor,
 1833 Fourteenth St., N. W., Washington, D. C.
 Stewart, Needham, B. Agr. Greensboro, N. C.

SPECIAL, WITH SHORT COURSE CERTIFICATES

Baldwin, M. L., Rev. Dudley, N. C.
 Faduma, Orishatukeh, Rev., Teacher,
 Sierra Leone, West Africa

1907

"Climb tho' the rock be rugged."

Caesar, Robert, B. Agr., Stonecutter Wilder, Va.
 Carter, O. H., B. Agr., Farm Demonstrator,
 Parmele, N. C.
 Donnell, Clyde, B. Agr., M. D., Physician. . Durham, N. C.
 Davis, Chas. G., B. S., Teacher of Manual Training,
 Berry O'Kelly School Method
 Keck, William, B. Agr., Teacher,
 363 West Bragg St., Greensboro, N. C.
 Rivera, T. A., B. Agr., Bookkeeper,
 Fayetteville St., Durham, N. C.
 *Scott, Chas. A., B. Agr., Contractor,
 520 Spruce St., Goldsboro, N. C.
 Smith, Edward, B. S., Chef, A. & T. College,
 Greensboro, N. C.
 Truman, J. C., B. S.,
 826 Nebraska Ave., Kansas City, Kansas
 Williams, M. W., B. Agr., Teacher, Deaf and Dumb
 Institute Raleigh, N. C.

SPECIAL

*Leach, Thomas Pittsboro, N. C.
 *Deceased.

1908

"Lifting as we climb."

Alston, A. J., B. Agr....719 South St., Philadelphia, Pa.
 Bailey, N. A., B. Agr.,

R. F. D. N. 2, Box 19, Pittsboro, N. C.

Baldwin, Seaton, B. S...159 South St., Philadelphia, Pa.

Cotton, Samuel, B. S...112 W. 139th St., New York City

Darden, A. N., B. Agr., Undertaker,

110 Pender St., Wilson, N. C.

Flow, Baxter, D., B. Agr., FarmerForest City, N. C.

Foster, Chas. L., B. S., Blacksmith...Washington, D. C.

Harrison, M. L., B. S.....311 Pryor St., Gastonia, N. C.

Harrison, R. H., B. S., Blacksmith.....York, S. C.

Johnson, Enoch, J., B. Agr.,

61 W. 13th St., New York City

Lamb, J. L., B. S., Carpenter,

1527 Outten St., Norfolk, Va.

McGimpsey, J. R., B. Agr., Dairyman,

R. F. D. Box 38, Ossining, N. Y.

Merrick, Edward R., B. Agr., Director N. C. Mutual

Insurance Co.Durham, N. C.

*Powell, Wylie, B. Agr.Wilson, N. C.

Reid, Chas. B., R. Agr., Insurance Agent,

Wadesboro, N. C.

Smith, John H., B. Agr., FarmerRaleigh, N. C.

Spaulding, John W., Bricklayer,

1612 Lydia St., Kansas City, Mo.

SPECIAL

Holmes, W. H., Caterer, 3429 Market St.,

Philadelphia, Pa.

1909

"Service, our mission."

Barnes, B. W., B. Agr., Dental Student, Howard

UniversityWashington, D. C.

*Berry, Richard, B. Agr., Bookkeeper,

Box 63, Laurinburg, N. C.

Crawford, J. L., B. S., D. D. S.,

405½ Felix Street, St. Joseph, Mo.

Davis, C. J., Agr., 703 Brooklyn St., Philadelphia, Pa.

*Deceased.

- *Davis, J. H., B. Agr., Teacher of Mathematics,
 Claflin University Orangeburg, S. C.
 *Gill, Jas. C., B. Agr. Fayetteville, N. C.
 Mabery, Samuel, B. S., Carpenter Catawba, N. C.
 Markham, W. H., B. S., Bursar, A. & T. College,
 Greensboro, N. C.
 Mask, J. D., B. S., Farmer Ansonville, N. C.
 Mitchell, John W., B. Agr., Farm Demonstrator,
 Clarkton, N. C.
 Nelson, Fer. D., B. S.
 Price, P. B., B. Agr., Bookkeeper Laurinburg, N. C.
 Webb, H. E., B. Agr., Farm Demonstrator, Guilford and
 Alamance Counties, A. & T. College. Greensboro, N. C.
 Wray, John D., B. Agr., State Organizer of Boys'
 Corn Clubs Greensboro, N. C.
 Waugh, George, B. Agr. Route No. 4, Greensboro, N. C.
 Wilkins, J. W., B. Agr. 213 Courts St., Richmond, Va.

TWO-YEAR COURSE CERTIFICATES

- Ingram, W. H., Farmer Ansonville, N. C.
 Jordan, J. F., Baggage Transfer Danville, Va.

1910

"Deeds, not words."

- Bunn, Rev. Roger Edgar, B. Agr., Pastor,
 Statesville, N. C.
 Johnson, Alonzo Bernard, B. Agr., Principal Deaf
 and Dumb Institute Raleigh, N. C.
 Dixon, Cornelius Vanderbilt, Student, Meharry
 Medical College Nashville, Tenn.
 Lawrence, Rev. Cephas Warrick, B. Agr., Principal
 Graded School Greensboro, N. C.
 *Lewis, Needham Roscoe Selma, N. C.

TWO-YEAR COURSE CERTIFICATES

- Waugh, Sterling Thomas, Truck Farmer,
 R. No. 4, Greensboro, N. C.

1911

"Life is what we make it."

- Bryant, W. H., H. B. S. A., M. D., Physician,
 Goldsboro, N. C.
 *Deceased.

- Byarm, L. P., B. S. M., Instructor, A. & T. College,
Greensboro, N. C.
Busbee, R. L., B. S. A., Student, Howard University,
Washington, D. C.
Mask, J. W., B. S. M., Teacher of Manual Training,
Colored Graded School Washington, D. C.
Moseley, Welton, B. S. A., D. D. S., Dentist,
Charlotte, N. C.
Sanders, M. S., B. S. M., Teacher of Broom-making,
Biddle University Charlotte, N. C.
Slade, S. W. R., B. S. A., Farmer . . . Knightdale, N. C.
Williams, F. B., B. S. A., Truck Farmer,
608 Beaver St., Jacksonville, Fla.

1912

"Conquering and to conquer."

- Brooks, Samuel T., B. S. A., Instructor, Kittrell
College, Kittrell, N. C.
Guess, Wm. H., B. S. A., 223 Vine St., Goldsboro, N. C.
Holden, Percy C., B. S. M., Dentist. . . . Jersey City, N. J.
McConnell, William I., B. S. A., Insurance Agent,
Charlotte, N. C.
Pope, Israel, B. S. M., Director Vocational Industries,
Wilberforce University, Ohio
Shuford, Jas. S., B. S. M., Plasterer, W. Palm Beach, Fla.
Wharton, Fletcher Decatur, B. S. A., Farm Demon-
strator Henderson, N. C.

1913

"Labor conquers all."

- *Barber, John H., B. S. A. Concord, N. C.
Burnett, Foster F., B. S. A., Physician,
Wilmington, N. C.
Christmas, Lawrence D., B. S. A., Student, University
of Pennsylvania 3911 Olive St., Philadelphia, Pa.
*Headen, Guy C., B. S. A. Greensboro, N. C.
Leak, Henry C., B. S. A., Tinner. . . . Rockingham, N. C.
Love, Geo. B., B. S. M., Instructor, A. & T. College,
Greensboro, N. C.
McNeill, Claudius W., B. S. M., Student,
Lincoln University, Pa.
Reid, James E., B. S. M., Instructor, A. & T. College,
Greensboro, N. C.
*Deceased.

Virgo, David C., B. S. A., Principal Williston
Industrial SchoolWilmington, N. C.

TWO-YEAR COURSE CERTIFICATES

Harvey, Harrington, Instructor in Manual Training,
Colored High School Athens, Ga.
Hollomon, H., Carpenter Ahoskie, N. C.
Reynolds, Walter R., Merchant.....Greensboro, N. C.

1914

"For home, for state, for country."

Cury, J. W., B. S. A., Instructor, National Training
School Durham, N. C.
Dupree, D., B. S. A., Farm Demonstrator, Williston
Graded School Williston, N. C.
Dupree, J. R., B. S. A., Farm Demonstrator,
Wilmington, N. C.
Hollomon, H., B. S. M., Carpenter Norfolk, Va.
Lee, D. W., B. S. A., Teacher Holdenville, Okla.
McRae, John A., B. S. A., Farmer Raeford, N. C.
Roberts, George, B. S. A., Districa Insurance
Agent Carthage, N. C.
Scurlock, D. P., B. S. A., Farmer Pinehurst, N. C.
Simmons, S. B., B. S. A., Instructor Tuskegee, Inst., Ala.
Thibodeaux, O. W., B. S. M.
112 W. 139th St., New York City
Watlington, James M., B. S. A., Teacher....Lima, Okla.
Hooke, W. E., Special Student, Mechanical Depart-
ment; Instructor in Broom-making, A. & T. Col-
lege, Greensboro, N. C.

1915

"Being, not seeming."

Adams, Bilton F., B. S. A., Steel Weigher, Braddock, Pa.
Blount, Dutch, B. S. A., Pullman Porter,
46 W. 136th St., New York City
Coles, Russell, B. S. A.. 106 W. 133rd St., New York City
Floyd, H. H., B. S. A., Principal City School,
Rockingham, N. C.
Gilmer, Prather, B. S. A., Medical Student, Shaw Univ.
*Hollomon, Raleigh B., B. S. M. Ahoskie, N. C.
*Deceased.

Lackey, Elam C., B. S. A., Farm Demonstrator,
 Winston-Salem, N. C.
 Sapp, John W., B. S. M., Insurance Agent,
 Goldsboro, N. C.
 *Thomlin, H. P., B. S. A.
 Ward, Roscoe, B. S. A., Farm Demonstrator,
 Laurinburg, N. C.

TWO-YEAR COURSE CERTIFICATES

Bryant, J. L., Carpenter Byrn Mawr, Pa.
 Burgess, C. C., Student Temple Univ... Philadelphia, Pa.
 Lay, B. A., Mechanic, 1109 32nd St., Newport News, Va.
 Overby, W., Bricklayer Raleigh, N. C.
 Smelley, V. P., Student, Temple Univ., Philadelphia, Pa.

1916

"Not wealth, but service."

Cobb, J. H., B. S. M., Broom-maker, Henderson
 Normal School Henderson, N. C.
 Coppage, J. E., B. S. M., Teacher..... Norfolk, Va.
 Hill, C., B. S. A., Grocer..... Goldsboro, N. C.
 McDonald, G., B. S. A., Dairyman..... Windsor, N. C.
 Morrow, W. E., B. S. M., Student, Lincoln Univ., Pa.
 Polk, L., B. S. A., 749 South 22nd St., Philadelphia, Pa.
 Reeves, P., B. S. A., Farmer Greenwood, Conn.
 Setzer, J. L., B. S. A., Instructor in Agriculture,
 Palmer Memorial School Sedalia, N. C.
 Smith, L., B. S. M., Bricklayer Merry Hill, N. C.

FOUR-YEAR TRADE SCHOOL CERTIFICATES

Broadhurst, K. E., Blacksmithing.. Seven Springs, N. C.
 Green, J., Blacksmithing..... Harrisville, N. C.
 Hunt, W. V., Agriculture..... Roaring River, N. C.
 McIver, J. S., Bricklaying..... Cumnock, N. C.
 Stultz, C. C., Agriculture, Student, Howard Univ-
 ersity Washington, D. C.

INDUSTRIAL CERTIFICATES

Bowen, Theodore, Dairying..... Williamston, N. C.
 Cobb, John H., Broom-making,
 208 Third St., Greenville, N. C.
 Green, Solomon, Dairying..... Atlanta, Ga.
 Long, John H., Broom-making..... Lilesville, N. C.
 *Deceased.

Morrow, William E., Carpentry.....Greensboro, N. C.
 Rooks, Leonidas E., Hand Wood Turning,
 Greensboro, N. C.
 Smith, Leopold, Bricklaying.....Greensboro, N. C.

1917

"Blaze a way."

Jenkins, John D., B. S. M., Bricklayer, Wilmington, N. C.
 Lesueur, J. R., B. S. A., Insurance,
 508 Shawmutt St., Boston, Mass.
 Threadgill, J. T., B. S. M., Blacksmith..Ansonville, N. C.
 Wynns, C. S., B. S. A., Teacher.....Parnellsville, N. C.

FOUR-YEAR TRADE SCHOOL CERTIFICATES

(*Academic*)

Edwards, W. A.....Sparta, N. C.
 Johnson, C. P.....Greenville, N. C.
 Peterson, J. T.....Mount Olive, N. C.
 *Price, I. D.....Penelo, N. C.

(ACADEMIC AND TRADE)

Couch, C. H., Bricklaying.....Durham, N. C.
 Craig, C. C., Carpentry.....Durham, N. C.
 Foust, J., Bricklaying.....Richlands, N. C.
 Jenkins, John D., Bricklaying.....Wilmington, N. C.
 Mosby, A., Photography.....Portsmouth, Va.
 Threadgill, J. T., Blacksmithing.....Ansonville, N. C.
 Whitted, Julian, Bricklaying.....Goldsboro, N. C.

FOUR-YEAR INDUSTRIAL CERTIFICATES

Brook, C. R., General Agriculture....Greensboro, N. C.
 Hawthorne, J. C., Bricklaying.....Bruton, Ala.
 Robinson, Sylvester, Dairying.....Wade, N. C.
 Stedman, J. G., Poultry.....Pittsboro, N. C.
 White, E. A., Carpentry.....Goldsboro, N. C.

TWO-YEAR INDUSTRIAL CERTIFICATES

Long, S. M., Broom-making.....Lilesville, N. C.
 *Deceased.

CLASS, 1918

"Lifted as we lift."

Doram, Charles, B. S. M.....	Hampton, Ohio
McCormick, H. V., B. S. Agr.....	Hoke, N. C.
Miller, L. P., B. S. M.....	Roanoke, Va.
Haley, Simon A., B. S. A.....	Hardin, Tenn.
Reeves, James M., B. S. M.....	Fulton, Ga.
Small, William B., B. S. A.....	Moore, N. C.
Stedman, J. G., B. S. A.....	Bear Creek, N. C.
Reddrick, E. M., B. S. M.....	Greensboro, N. C.
Whitting, Bernard W., B. S. B.....	Baltimore, Md.

CLASS OF 1919

"Rising in spite of encumbrances."

Bolden, J. L., B. S. A., Teacher of Agriculture, Wil-	
liston Graded School	Wilmington, N. C.
Butler, W. E., B. S. A., Clerk in Navy Yard, Norfolk, Va.	
Clark, James H., B. S. A.	Washington, N. C.
Green, J., B. S. M., Clerk in Postoffice, Philadelphia, Pa.	
Reinhardt, Wm., B. S. M., Clerk in Printing Office,	
	Washington, D. C.
Tucker, J. H., B. S. A., Student, Lincoln University,	
	Lincoln, Pa.

GRADUATES OF PREPARATORY DEPARTMENT

CLASS OF 1900

Alton, Sarah V. (Miss)	Raleigh, N. C.
Carter, Alma J. (Miss) Teacher.....	Reidsville, N. C.
Colley, J. C.	Durham, N. C.
Cotton, Lillian (Miss)	Chester, N. C.
*Davis, L. E.....	Wilmington, N. C.
Davis, Mary O. (Miss).....	Hillsdale, N. C.
Davis, R. T.....	Wilmington, N. C.
*Dudley, S. Inez (Miss).....	Greensboro, N. C.
Dunham, P. Wm.....	Euloria, S. C.
Farrington, Bertha (Miss)	Greensboro, N. C.
Hooper, T. H.....	Winston, N. C.
Jeffreys, Annie F. (Miss)	Petersburg, Va.
Jones, Estella D. (Miss).....	Chapel Hill, N. C.
McKenzie, Sara P. (Miss) Teacher....	Greensboro, N. C.
*Deceased.	

Pritchett, Nannie L. (Miss)	Greensboro, N. C.
*Quick, Knox S.	Laurinburg, N. C.
Richardson, M. L. (Miss)	Wilmington, N. C.
Simmons, Victor W.	Statesville, N. C.
Strong, Andrew J., M. D., Physician	Norfolk, Va.
Willis, Josie H. (Miss)	Wilmington, N. C.
Wilson, Lillie B. (Miss)	Hillsboro, N. C.
Witherspoon, Annie F. (Miss)	Greenville, N. C.
Wooten, David	Princeville, N. C.
Wright, Annie C.	Danville, Va.

CLASS OF 1901

Gwyn, Cecil B. (Miss)	Greensboro, N. C.
*Jones, Georgia (Miss)	Raleigh, N. C.
Jackson, N. E., M. D., Physician	Laurinburg, N. C.
Logan, Erkwood	Gale, N. C.
*Lipscombe, Hattie B. (Miss)	Newport News, Va.
Mapp, Saddle (Miss)	Philadelphia, Pa.
Palmer, Dinah (Miss)	Church Hill, N. C.
*Reaves, W. V.	Greensboro, N. C.
Rankin, A. E.	Greensboro, N. C.
Reynolds, Mattie (Miss)	Waynesville, N. C.
Watson, Delia A. (Miss)	Grove Hill, N. C.
*Deceased.	

N. B.—In order that this list may be kept accurately, graduates are requested to inform the president of any change in address, vocation, etc.

HONOR ROLL

The following are the regulations for the Honor Roll:

1. All students eligible for the honor roll must be regular students, taking the full course.
2. They must have at least 95 per cent. deportment.
3. They must have a general average of not less than 85 per cent., and must not fall below 75 per cent. in any single subject.

SUMMER SCHOOL

The twenty-second annual session of the A. & T. College Summer School will begin June 19, 1921, and continue six weeks. The Negro teachers of the State are invited to co-operate in building a strong State Summer School

that will help foster patriotism and bind together all who are interested in educational progress.

Specialists in Primary Method, School Management and all the common school branches will be included on the staff of instructors.

Terms.

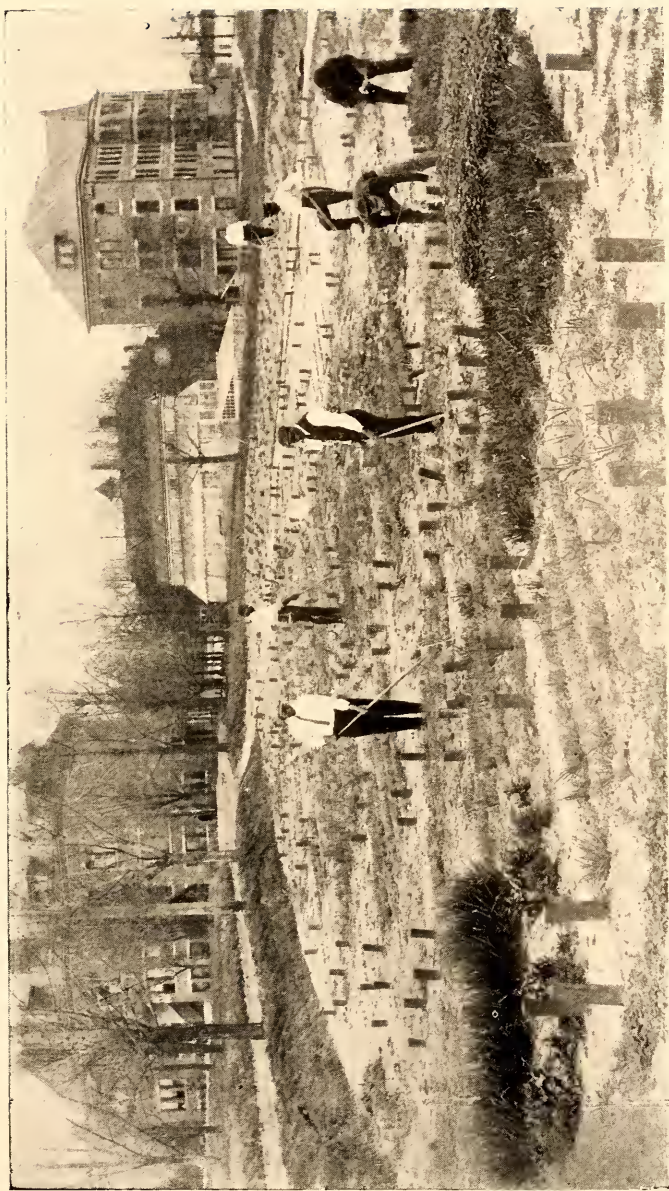
The college is beautifully located and is an ideal spot for a pleasant summer vacation.

For prospectus, etc., apply to President J. B. Dudley, Greensboro, N. C.

ATTENDANCE OF REGULAR SESSION, 1919-1920.

FIRST YEAR TRADE CLASS

Alexander, Zebidee, Cabarrus, N. C.
Allen, Joseph J., Richland, S. C.
Anderson, Benjamin, Greens, N. C.
Anderson, Isaac, Richland, S. C.
Arrington, Percy, Nash, N. C.
Arrington, Willie, Nash, N. C.
Armond, William, Greens, N. C.
Atwater, Frank, Chatham, N. C.
Bailey, James T., Halifax, N. C.
Banner, Ambus, Fulton, Ga.
Barrier, Oscar, Rowan, N. C.
Barrett, Cicero, Moore, N. C.
Belle, Joseph, Carlton, S. C.
Best, Alexander, Greens, N. C.
Billingslea, Harry L., Jones, Ga.
Birch, Pilot, Parish Island, S. C.
Blount, Sandy, Greens, N. C.
Bradshaw, Frank, Isle of Wright, Va.
Brinson, Clarence J., Columbus, N. C.
Brisbane, Benjamin, Beaufort, S. C.
Brown, Frank, McCormick, S. C.
Brown, Howard, Scotland, N. C.
Brown, Lonnie, Orangeburg, N. C.
Brown, Ulysses S., Vance, N. C.
Butler, James W., Clarendon, S. C.
Caldwell, Claud, Cabarrus, N. C.
Carter, Daniel, Davidson, Tenn.
Carter, Reuben, Rockingham, N. C.
Cheatham, Ulyses S. P., Vance, N. C.
Chrismond, Albert, Franklin, N. C.



Students at Practical Work on Plots

Cobb, Carl, McDowell, W. Va.
Coleman, John, Lancaster, S. C.
Coleman, James, Chattanooga, Tenn.
Collett, Moses, Norfolk, Va.
Collins, Luther, McCormick, Ga.
Cooper, Elias, Nash, N. C.
Cooper, James, Fowler, S. C.
Covington, Geo. M., Marlboro, S. C.
Cox, Claude, Pitt, N. C.
Cunningham, John, Davidson, N. C.
Curry, Henry, Lane, S. C.
Curry, Willie, Cumberland, Va.
Davis, Asa, Charleston, S. C.
Davis, Kutt, Barnwell, S. C.
David, Albert, Marlvell, S. C.
Deshazo, Chas., Halifax, N. C.
Deveau, Edward, Richmond, S. C.
Douglas, Alonza.
Duggins, Isaac, Wake, N. C.
Dunn, Kenneth, Wake, N. C.
Dupree, Mark Paul, Greene, N. C.
Ellis, Levi, Columbus, N. C.
Ellis, Napp L., Pitt, N. C.
Elzy, Arthur, Baldwin, Ga.
Exum, Henry, Pitt, N. C.
Farror, Major J., Baldwin, Ga.
Feinster, Clarence, Buncombe, N. C.
Fisher, Walter, Greenwood, S. C.
Floyd, Early, Gaston, N. C.
Foot, Robert, Wayne, N. C.
Forney, Eddie, Wake, N. C.
Forney, Lafayette, Wake, N. C.
Freeman, Jesse, Nash, N. C.
Gillison, Arthur, Parish Island, S. C.
Goins, Frederick B., Moore, N. C.
Gomillion, Clarence, Saluda, S. C.
Green, Moses, Georgetown, S. C.
Grice, Roscoe, Gaston, N. C.
Haines, Ernest, Thomas, Ga.
Harris, Joe D., Wake, N. C.
Head, Aquilla, Kyetta, Ga.
Heard, James, Fulton, Ga.
Heilig, Guy, Cabarrus, N. C.
Henderson, Judge, Miller, Ga.
Henson, Charlie, Richmond, N. C.

Holt, Joseph L., Alamance, N. C.
Hooks, Harvey, Lee, S. C.
Huffman, Charles, Guilford, N. C.
Isley, Monroe, Laurens, S. C.
Jackson, Willie, Anson, N. C.
Jay, Jesse, Richlands, Ga.
Jennette, Jones, Eastover, S. C.
Johnson, Charlie, Richmond, N. C.
Johnson, Rosebud, Decatur, Ga.
Johnson, Com. H., Abbeville, S. C.
Kee, Geo. L., Northampton, N. C.
Kelly, Cicero, Guilford, N. C.
King, David, Brinkley, S. C.
Lassiter, Louis E., Chatham, N. C.
Latham, Windsor, Edgecombe, N. C.
Lewis, Charles, Emanuel, Ga.
Lewis, Lester, Fulton, Ga.
Lewis, Willie, Brooks, Ga.
Legrande, J. W. H., Robeson, N. C.
Lexuburg, Roosevelt, Richmond, Ga.
Littlejohn, Ebb, Gaffney, S. C.
Lott, Robt., Hannah, Ga.
Love, Maultry J., Haywood, N. C.
Luke, James, Richmond, Ga.
Lyles, Robert L., Cherokee, S. C.
Mack, James, Jefferson, Ga.
Martin, Carlton, Montgomery, N. C.
Mason, William H., Northampton, N. C.
Mathews, James C., Richmond, N. C.
Marsh, Eugene, Chatham, N. C.
Marsh, McKinley, Chatham, N. C.
McClure, Edward B., Jefferson, Ky
McEachin, Henry, Hoke, N. C.
McKeathan, Samuel, Cumberland, N. C.
McLaurin, David, Richmond, N. C.
McLaughlin, Mathew, Hoke, N. C.
McLaughlin, Richard, Richmond, N. C.
McPherson, Grant, Lea, S. C.
Meachem, Robert E., Anson, N. C.
Mears, Richard, Scotland, N. C.
Miller, Willis, Duplin, N. C.
Miller, Jas., Guilford, N. C.
Miller, George E., Greene, N. C.
Moore, Moses, Jones, Ga.
Moore, Russell, Yadkin, N. C.

Monroe, Frank, Scotland, N. C.
Monroe, Green, Scotland, N. C.
Morgan, Ceasar, Tatleway, Fla.
Morgan, M. E., Spaulding, Ga.
Morris, Emanuel, Winsberry, S. C.
Murchison, George C., Cumberland, N. C.
Murphy, Joseph, Calhoun, S. C.
Myers, David, Boliviary, Miss.
Myers, George M., Lea, S. C.
Nobles, Joshua, Pitt, N. C.
Naylor, George, Granville, N. C.
Nicholson, John H., Warren, N. C.
Parham, Lonnie, Carl, Ga.
Pettiford, Reuben, Washington, N. C.
Phillips, Leroy, Catawba, N. C.
Pope, Graham, Vance, N. C.
Reeves, Jethro B., Vance, N. C.
Reddrick, Benjamin, Richmond, N. C.
Reid, Jerome, Alamance, N. C.
Reynolds, Benjamin, Lawrence, Ga.
Roberts, Gurmel, Wayne, N. C.
Robinson, Eddie, J., Richland, S. C.
Robinson, Robert C., Richmand, N. C.
Setzer, Glenn, Gaston, N. C.
Shepard, Leroy, Bamburg, S. C.
Shirley, Abraham, Pitt, N. C.
Singleton, Lewis S., Charleston, S. C.
Smith, Joseph, Fulton, Ga.
Spencer, Ely, Moore, N. C.
Stafford, James, Jasper, N. C.
Strickland, Fletcher, Orange, N. C.
Stroud, Samuel, Orange, N. C.
Strong, Walter, Elochoway, Fla.
Tennant, George, McCormick, S. C.
Thomas, Matthew, Franklinton, N. C.
Thompson, Henry, Moore, N. C.
Thomas, Luther, Putman, Ga.
Tennin, Pride, Alamance, N. C.
Tompkins, Malachi, Saluda, S. C.
Wall, John E., Richmond, N. C.
Warner, E. L., Caswell, N. C.
Walker, George, Booneville, S. C.
Waters, John H., Beaufort, N. C.
Waters, John Nelson, Beaufort, N. C.
Waters, Haywood, Duplin, N. C.

Webster, Freddie, Rockingham, N. C.
Wells, Isaac N., Davidson, N. C.
Whitfield, Legree, Putman, Ga.
Wedderburn, Herbert H., Little London, B. W. I.
Williams, Luther M., Duplin, N. C.
Williams, William, Muskagee, Ga.
Williams, Claudius, Greens, N. C.
Wright, William, Beaufort, Ga.
Wynn, Alfred B., Bertie, N. C.

SECOND YEAR TRADE CLASS

Artis, Raniel T., Wayne, N. C.
Barker, Jesse L., Edgecombe, N. C.
Barnes, William H., Robeson, N. C.
Battle, Isum, Lenoir, N. C.
Battle, Washington, Wayne, N. C.
Baucom, C. M., Anson, N. C.
Becton, Alexander, Carterett, N. C.
Bell, C. Malachi, Carteret, N. C.
Bell, Theodore, Carteret, N. C.
Bethea, Frank P., Duplin, N. C.
Broadhurst, Geo. W., Wayne, N. C.
Broadhurst, Moses J., Wayne, N. C.
Brown, Ross, Guilford, N. C.
Buie, Frank, Moore, N. C.
Burt, Moses, Franklin, N. C.
Bullock, Bernard, Guilford, N. C.
Byrd, Frank Murray, Anson, N. C.
Carter, Thomas M., Sullivan, Tenn.
Clark, Wilbur, Forsyth, N. C.
Cobb, Henry Z., New Hanover, N. C.
Coble, Henry A., Alamance, N. C.
Covington, Caston, Richmond, N. C.
Cunningham, Lowell J., Halifax, Va.
Deberry, Sim R., Guilford, N. C.
Devane, Cato C., Sompson, N. C.
Drake, Reuben, Robeson, N. C.
Dupree, Ernest, Pitt, N. C.
Fellows, Floyd, Wake, N. C.
Forbes, Earl, Pitt, N. C.
Foster, Osborne, Haywood, N. C.
Foust, Odaus, Onslow, N. C.
Garner, Arthur E., Guilford, N. C.
Gibson, Mat E., Rowan, N. C.

Goodson, E. W., Catawba, N. C.
Hamit, James L., Mecklenburg, N. C.
Hassell, William, Martin, N. C.
Hawkins, Herman A., Anson, N. C.
Hazell, Ray D., Alamance, N. C.
Hill, Jas. G., Guilford, N. C.
Hill, Jimmie, Union, N. C.
Hill, Lacy K., Robeson, N. C.
Houston, L. W., Duplin, N. C.
Horton, Julian E., Chatham, N. C.
Huffman, Joseph E., Guilford, N. C.
Isley, Dayton, Guilford, N. C.
James, Graham, Greens, N. C.
Johnson, Linvaugh, Iredell, N. C.
Jones, Cornell, Guilford, N. C.
Jones, Ezra, Robeson, N. C.
Lambert, Percy, Chatham, N. C.
Lane, Jas. F., Wake, N. C.
Lennon, Earley, Columbus, N. C.
Long, Clyde R., Guilford, N. C.
Martin, Mcio, McDowell, W. Va.
Martin, Chester A., Wayne, N. C.
Matthews, Thos., Forsyth, N. C.
Meachem, Levi, Cherokee, N. C.
Miller, Gurnee W., Guilford, N. C.
Mumms, Pallie M., Caswell, N. C.
McDonald, Charles A., Haywood, N. C.
McKeathan, Hector, Cumberland, N. C.
McWilliams, George, Halifax, N. C.
Neeley, Jonas W., Rowan, N. C.
Norcutt, W. K. D., Pitt, N. C.
Olds, Jeffrey, Lenoir, N. C.
Paige, Jas. R., Warwick, Va.
Pegram, Joseph, Gaston, N. C.
Pitts, Walter, Forsyth, N. C.
Priest, Willie D., Hoke, N. C.
Price, Frazier, Rowan, N. C.
Purvis, Noah, Martin, N. C.
Raynor, Theo R., Wayne, N. C.
Roberts, Samuel, Wake, N. C.
Roberts, Wilbur, Gaston, N. C.
Smith, Arthur, Wake, N. C.
Smith, Jas. O., Carteret, N. C.
Smith, Samuel, Cherokee, N. C.
Stephens, George B., Columbus, N. C.

Tate, Edward, Davidson, N. C.
Thomas, Wm., Franklin, N. C.
Thomas, Joseph H., Guilford, N. C.
Terry, Joseph H., Moore, N. C.
Vines, Meb., Pitt, N. C.
Walden, Floyd, Northampton, N. C.
Warren, Carl J., Guilford, N. C.
Whitley, Eugene, New Hanover, N. C.
Williams, George D., Duplin, N. C.
Wilson, Raleigh W., Haywood, N. C.
Wilson, Luther A., Cabarrus, N. C.
Wingfield, Clemon, Daughten, Ga.

THIRD YEAR TRADE CLASS

Adams, Lonnie, York, S. C.
Badgett, Alexander, Rockingham, N. C.
Battle, Larazus, Lenoir, N. C.
Bishop, Jas. H., New Hanover, N. C.
Carter, Cedric, Halifax, N. C.
Cheatham, Lud M., Northampton, N. C.
Cody, Wm. A., Guilford, N. C.
Coppin, George C., Randolph, N. C.
Dancy, Wheeler V., Edgecombe, N. C.
Dixon, Benjamin, Robeson, N. C.
Fairley, Emanuel, Guilford, N. C.
Greene, Earl O., Randolph, N. C.
Harris, Carl A., Randolph, N. C.
Harrison, Elgin R., Lee, N. C.
Hemby, Samuel H., New Hanover, N. C.
Henderson, Roger, Gaston, N. C.
Hester, James L., Carteret, N. C.
Hackney, C. T., Chatham, N. C.
Horton, Clarence B., Chatham, N. C.
Holloway, John H., Princess Ann, Va.
Huntley, Lester J., Anson, N. C.
Jackson, Walters, Columbus, N. C.
Jones, Cleifton C., Alamance, N. C.
Joyner, Lehman, Pitt, N. C.
King, John J., Rockingham, N. C.
Lane, Alben A., Wake, N. C.
Locke, Jethro T., Rowan, N. C.
Logemah, S. Akagoo, Freetown, W. Africa.
Love, Chas. C., Haywood, N. C.
McConnell, Robert E., Guilford, N. C.

McCormick, John C., Hoke, N. C.
McLain, M. Everette, Moore, N. C.
Noble, Ernest, Wake, N. C.
Parrish, Charles J., Wake, N. C.
Parker, Freeman S., Alamance, N. C.
Phillips, Harold, Randolph, N. C.
Ross, Theo R., Monroe, N. C.
Russell, Thos., Rockingham, N. C.
Setzer, Earl C., York, S. C.
Spearman, John W., New Hanover, N. C.
Spaulding, Major, Columbus, N. C.
Stokes, Thomas, Caswell, N. C.
Snowden, Daniel, Currituck, N. C.
Tillery, Luther B., Carteret, N. C.
Webber, Clitus, Cleveland, N. C.
Webster, Ray, Rockingham, N. C.
Williams, Coaxton, Robeson, N. C.
Williams, Oddie W., Duplin, N. C.
Wilson, Walter, Pittsylvania, Va.
Winns, Chandler V., Wayne, N. C.

FOURTH YEAR TRADE CLASS

Alston, Jake A., Halifax, N. C.
Baker, Crosby D., Northampton, N. C.
Baldwin, Luther, Rowan, N. C.
Beasley, Wm. S., Warwick, N. C.
Bell, Eunodias, Carteret, N. C.
Biggs, Jas. H., Bertie, N. C.
Brown, Samuel, Haywood, N. C.
Burnett, Brodie D., Alamance, N. C.
Chandler, Raymond C., Baltimore, Md.
Chalmers, John D., Harnett, N. C.
Clark, Albert H., Catawba, N. C.
Clark, Southgate, Scotland, N. C.
Craven, Robert W., Randolph, N. C.
Duke, Andrew, Norfolk, Va.
Earley, Willie, McDowell, W. Va.
Floyd, Baxter, Chester, S. C.
Gould, Fred W., Robeson, N. C.
Graves, Clarence, Guilford, N. C.
Gwartney, George W., Norfolk, Va.
Harper, Ralph L., Greene, N. C.
Hausley, James E., McDowell, N. C.
Howell, Cleifton O., Surry, N. C.

Hudgins, William A., Pirguimoin, N. C.
Jeffers, McKinley, Person, N. C.
Rilly, Willie P., Moore, N. C.
Little, James K., Anson, N. C.
McIver, Jas. M., Lee, N. C.
McLain, William H., Moore, N. C.
Nelson, Robert T., Mecklenburg, N. C.
Nuttall, Willie, Granville, N. C.
Randleman, William A., Gaston, N. C.
Saulters, Oscar C., Columbus, N. C.
Sinclair, E. D., Chester, S. C.
Sneade, John B., Bertie, N. C.
Stephens, Jas. Elmer, Philadelphia, Pa.
Thorpe, Samuel T., Wake, N. C.
Wells, Donald J., Gaston, N. C.
Williams, Edward D., Cumberland, N. C.
Williams, Roscoe C., Halifax, N. C.
Williams, Leonard, Guilford, N. C.
Wilson, Charles L., Chatham, N. C.
Wolf, Miller, Saratoga Springs, N. Y.

FRESHMAN CLASS

Backer, Blake C., Halifax, N. C.
Brown, James E., Caswell, N. C.
Bullock, Samuel H., Edgecombe, N. C.
Davis, Irving O., Orange, N. C.
Felder, William H., Charleston, S. C.
King, George L., McDowell, W. Va.
Mitchell, McK., Bertie, N. C.
Morgan, H. Leonard, Wake, N. C.
Robinson, Edward L., Guilford, N. C.
Sims, H. Gordon, Greenville, S. C.
Townsend, Lyllie W., Robeson, N. C.
Turner, Jesse, Guilford, N. C.
Whitten, Clifton T., Sullivan, Tenn.

SOPHOMORE CLASS

Dantzler, Nicholas, Orangeburg, S. C.
Dees, Arthur, Granville, N. C.
Blackburn, Victor, Catawba, N. C.
Edwards, W. A., Alamance, N. C.
Evans, Waymond A., Alachee, Fla.

Faust, Jasper, Onslow, N. C.
 Fortune, Rex W., Buncombe, N. C.
 Foushee, William, Guilford, N. C.
 Hatcher, Eugene C., Roanoke, Va.
 Hicks, John B., Buncombe, N. C.
 Hooper, William R., Haywood, N. C.
 Lesueur, Robert W., Cumberland, N. C.
 Malone, Robert C., Vance, N. C.
 McQueen, Mack E., Clark, Ga.
 Morse, Alfred F., Norfolk, Va.
 Peterson, J. T., Wayne, N. C.
 Smith, Fletcher S., Forsyth, N. C.
 Terrell, David J., Orange, Fla.
 Tynes, Alexander, Isle of Wright, Va.

JUNIOR CLASS

Broadhurst, King K., Wayne, N. C.
 Johnson, Calvin P., Pitt, N. C.
 Ligon, John W., Wake, N. C.
 McIver, John S., Lee, N. C.
 Robinson, Sylvester, Cumberland, N. C.
 Walker, Jas. R., Henderson, Ky.

SENIOR CLASS

Barnhill, James H., Pitt, N. C.
 Bell, McKinley, Carteret, N. C.
 Couch, Charles H., Orange, N. C.
 Ghant, G. H., Westchester, N. Y.
 Jenkins, William M., Norfolk, Va.

SUMMER SCHOOL STUDENTS, 1919

Name	County and State
Adams, Miss Iola E.	Mecklenburg, N. C.
Adkins, Mrs. Adora E.....	Guilford, N. C.
Allison, Miss Bessie	Guilford, N. C.
Alexander, Mrs. M.....	Guilford, N. C.
Alexander, Mrs. W. J.....	Martin, N. C.
Allen, Mrs. Luvenia	Rockingham, N. C.
Alston, Miss Ruth E.....	Granville, N. C.
Anderson, Miss Hazel	Guilford, N. C.
Anderson, Miss Julette	Guilford, N. C.

Artis, Miss Sadie	Vance, N. C.
Bangain, Miss Jesse E.....	Mecklenburg, N. C.
Banks, Miss Alma	Guilford, N. C.
Barrett, Miss Emma	Moore, N. C.
Barnes, Miss Hallie	Guilford, N. C.
Barnes, Mr. Boisy W.....	Guilford, N. C.
Bennett, Miss Lizzie J.....	Anson, N. C.
Bennett, Miss Viola M.....	Anson, N. C.
Bluford, Mrs. J. H.....	Guilford, N. C.
Blue, Miss Ada	Moore, N. C.
Boyd, Miss Martha	Guilford, N. C.
Boyd, Miss Ellen Theresa	Carteret, N. C.
Bonner, Mr. Chas. D.....	Wilcox, Ala.
Boyce, Rev. J. B.	Dinwiddie, Va.
Brewer, Mrs. Flossie	Randolph, N. C.
Britt, Miss Mattie C.	Greens, N. C.
Brooks, Mr. W. T.	Randolph, N. C.
Broadnax, Miss Hattie Mae	Rockingham, N. C.
Breward, Mrs. Hester	Lincoln, N. C.
Brown, Miss Cassie	Wayne, N. C.
Brown, Mr. C. V.	Alamance, N. C.
Brown, Mr. Thomas J.	Forsyth, N. C.
Brown, Mr. J. T.	Guilford, N. C.
Brown, Rev. W. H.	Alamance, N. C.
Brown, Miss Eunice K.	Alamance, N. C.
Buie, Miss Annie E.	Moore, N. C.
Buckner, Miss Sarah A.	Moore, N. C.
Busbee, Miss Cora E.	Greens, N. C.
Burrell, Miss Eva M.	Washington, D. C.
Burwell, Mrs. Indiana	Granville, N. C.
Bullock, Miss Annie D.	Guilford, N. C.
Byrd, Miss Mary E.	Johnston, N. C.
Carter, Mr. J. W.	Guilford, N. C.
Carter, Miss Geneva	Guilford, N. C.
Carlisle, Irene T.	Edgecombe, N. C.
Campbell, Mrs. Alice B.	Guilford, N. C.
Campbell, Miss Robbie L.	Guilford, N. C.
Caveness, Mr. J. M.	Randolph, N. C.
Cherry, Miss Nena W.	Pitt, N. C.
Chavis, Miss Novella	Guilford, N. C.
Chisholm, Miss Florence E.	Chester, S. C.
Christmas, Miss Ethel L.	Wake, N. C.
Clement, Mr. J. H.	Guilford, N. C.
Clement, Mr. J. J.	Beaufort, N. C.
Cobb, Miss E. Beatrice	Halifax, N. C.

Covington, Miss Varnilla	Richmond, N. C.
Covington, Miss Eva A. L.	Richmond, N. C.
Crump, Mrs. Maude	Guilford, N. C.
Crump, Mrs. Hattie	Richmond, N. C.
Craven, Mr. G. W.	Randolph, N. C.
Crowe, Mrs. S. B.	Guilford, N. C.
Currie, Miss Martha J.	Moore, N. C.
Culbertson, Bethel	Union, N. C.
Davis, Miss Mattie J.	Rockingham, N. C.
Davis, Miss Sara E.	Guilford, N. C.
Davis, Osse	Guilford, N. C.
DeGraffenreidt, Miss Sylvia	Chatham, N. C.
Dillard, Miss Anna	Rockingham, N. C.
Dillard, Miss S. A.	Rockingham, N. C.
Doak, Miss Georgia S.	Guilford, N. C.
Dorsett, Miss Elizabeth	Guilford, N. C.
Donnell, Miss Eloise	Guilford, N. C.
Donnell, Miss Grace J.	Guilford, N. C.
Donnell, Miss Bertha E.	Durham, N. C.
Donnell, Mr. O. G.	Guilford, N. C.
Dudley, Mr. J. B.	Guilford, N. C.
Eaton, Miss Sallie P.	Vance, N. C.
Eaton, Mrs. J. Y.	Vance, N. C.
Eccles, Mrs. P. L.	Guilford, N. C.
Eccles, Rev. L. L.	Guilford, N. C.
Ellis, Mrs. Carrie	Guilford, N. C.
Elliott, Miss Eugenia	Cumberland, N. C.
Elliott, Miss Florence O.	Cumberland, N. C.
Elliott, Miss Carolina	Cumberland, N. C.
Elliot, Miss Isabelle	Cumberland, N. C.
Epps, Mr. C. M.	Pitt, N. C.
Everette, Mrs. M. E.	Wayne, N. C.
Evans, Miss S. D.	Wake, N. C.
Evans, Miss Ella M.	Wake, N. C.
Falkner, Mrs. M. L.	Guilford, N. C.
Fearington, Mrs. B. A.	Guilford, N. C.
Fitzgerald, Mrs. Jane	Guilford, N. C.
Foster, Miss Ernestine	Guilford, N. C.
Foust, Mrs. Littie A.	Guilford, N. C.
Foust, Miss Cassie E.	Randolph, N. C.
Foust, Mr. J. W.	Guilford, N. C.
Fuller, Miss Vannether L.	Carteret, N. C.
Gaines, Miss Nannie	Richmond, N. C.
Galloway, Miss Irene E.	Guilford, N. C.
Garner, Miss J. E.	Guilford, N. C.

Gibson, Miss Jetter P.	Guilford, N. C.
Glover, Miss Malinda M.	Granville, N. C.
Goldston, Mr. E. H.	Randolph, N. C.
Gore, Miss Addie	Caldwell, N. C.
Greene, Miss Eula	Guilford, N. C.
Graves, Miss Lydia M.	Guilford, N. C.
Green, Mr. J. R.,	Granville, N. C.
Graves, Mrs. Addie	Guilford, N. C.
Gunn, Mrs. J. F.	Alamance, N. C.
Gunn, Mr. J. F.	Alamance, N. C.
Hagans, Mrs. H. E.	Wayne, N. C.
Hampton, Miss Martha	Lenoir, N. C.
Hampton, Miss Emma	Rockingham, N. C.
Harris, Miss Jessie	Stanley, N. C.
Harris, Miss Augusta C.	Guilford, N. C.
Harris, Mrs. L. E.	Guilford, N. C.
Hart, Miss Mary Ida	Vance, N. C.
Headen, Miss Fannie B.	Guilford, N. C.
Headen, Mrs. P. C.	Guilford, N. C.
Helpfer, Mrs. H. J.	Guilford, N. C.
Henderson, Mrs. Lina P.	Cumberland, N. C.
Hester, Mrs. Beulah	Guilford, N. C.
Hester, Miss Mattie A.	Granville, N. C.
Hicks, Miss Leora C.	Granville, N. C.
Hicks, Lucy P.	Granville, N. C.
Hicks, Miss Annie Mildred	Granville, N. C.
Hicks, Miss Ruth	Granville, N. C.
Hill, Miss Cora E.	Guilford, N. C.
Hines, Daisy	Patrick, Va.
Hines, Miss Virtie L.	Wayne, N. C.
Hinton, Genevieve	Guilford, N. C.
Hooker, Mr. W. E.	Guilford, N. C.
Hoover, Miss Pearlle Ellain	Guilford, N. C.
Hodges, Miss Naomi S.	Sampson, N. C.
Holt, Miss M. F.	Guilford, N. C.
Holt, Miss Lizzie L.	Guilford, N. C.
Hughes, Miss Annie	Guilford, N. C.
Hughes, Miss Elizabeth	Caswell, N. C.
Ingram, Miss Esther M.	Montgomery, N. C.
Jackson, Miss S. Elizabeth	Wake, N. C.
Jackson, Miss Mabel B.	New Hanover, N. C.
Johnson, Miss Ollie M.	Rockingham, N. C.
Johnson, Miss Bessie A.	Moore, N. C.
Johnson, Miss I. E.	Guilford, N. C.
Jones, Miss Alice	Halifax, N. C.

Jones, Miss A. B.	Granville, N. C.
Jones, Mr. M. M.	Guilford, N. C.
Jones, Miss Ida	Guilford, N. C.
Jones, Miss H. O.	Guilford, N. C.
King, Miss Lillie B.	Rockingham, N. C.
Lawrence, Rev. C. W.	Guilford, N. C.
Lassiter, Miss Annie O.	Granville, N. C.
Lea, Miss Fannie	Guilford, N. C.
Leak, Miss Olivia M.	Richmond, N. C.
Lee, Miss Della E.	Guilford, N. C.
Lomax, Mrs. W. T.	Guilford, N. C.
Lomax, Rev. W. T.	Guilford, N. C.
Long, Mrs. Arabella	Guilford, N. C.
Love, Mr. G. B.	Guilford, N. C.
Lucky, Miss Flora	McDowell, N. C.
Malone, Miss Geneva	Vance, N. C.
Maloy, Rev. P. F.	Guilford, N. C.
Markham, Mr. W. H.	Guilford, N. C.
Markham, Mrs. Lillie E.	Guilford, N. C.
Mask, Miss Nellie	Anson, N. C.
Martis, Miss Eliza	Guilford, N. C.
McDuffie, Miss Uverdelle T.	Scotland, N. C.
McDonnell, Miss Iva	Durham, N. C.
McDonald, Miss N. R.	New Hanover, N. C.
McIver, Miss Effa R.	Moore, N. C.
McLean, Miss Bessie C.	Guilford, N. C.
McNair, Dr. W. L.	Guilford, N. C.
McRae, J. A.	Rockingham, N. C.
Miller, Miss Pattie	Guilford, N. C.
Minnis, Miss Laura	Guilford, N. C.
Monroe, Miss Nellie B.	Cumberland, N. C.
Morehead, Miss Annie W.	Guilford, N. C.
Morton, Miss Carrie	Wayne, N. C.
Murphy, Miss Dora S. M.	Greene, N. C.
Morrow, Miss Alma	Guilford, N. C.
Morrow, Mrs. L. A.	Guilford, N. C.
Motley, Gladys	Wayne, N. C.
Montgomery, Connie	Guilford, N. C.
Morehead, Miss Reva B.	Guilford, N. C.
Murphy, Mrs. Mary J.	Northampton, N. C.
Murray, Miss Vine O.	Alamance, N. C.
Newberry, Mrs. Bessie	Randolph, N. C.
Newberry, Mrs. Mary	Randolph, N. C.
Newsome, Rev. S. G.	Northampton, N. C.
Nixon, Eliza A.	New Hanover, N. C.

Norfleet, Miss Lula	Edgecombe, N. C.
Parker, Miss Mamie L.	Salisbury, Md.
Patterson, Miss Bertha	Randolph, N. C.
Patterson, Mr. J. C.	Randolph, N. C.
Patton, Mr. John W.	Alamance, N. C.
Payne, Miss Elizabeth	Guilford, N. C.
Pease, Miss Alberta	Guilford, N. C.
Perry, Miss Hattie B.	Warren, N. C.
Petaway, Miss Minnie E.	Greene, N. C.
Pinckney, Rev. A. C.	Moore, N. C.
Powell, Miss Flora W.	Spartanburg, N. C.
Purvis, Miss Demple	Guilford, N. C.
Reaves, Miss Lessie B.	Guilford, N. C.
Reid, Miss Lena Pearl	Nash, N. C.
Reid, Miss Blanche	Randolph, N. C.
Reynolds, Mr. Ulysses S.	Buncombe, N. C.
Robbins, Miss Roberta	Guilford, N. C.
Robinson, Miss Mary J.	Anson, N. C.
Robinson, Miss Ophelia T.	Guilford, N. C.
Rogers, Mrs. Pearl	Alamance, N. C.
Rogers, Miss Irene	Alamance, N. C.
Rollins, Mrs. Ethel	Rockingham, N. C.
Royal, Miss Kate	Sampson, N. C.
Rouse, Mrs. Julia A.	Rowan, N. C.
Royster, Miss Georgia Frances	Granville, N. C.
Sapp, Mr. John W.	Guilford, N. C.
Saunders, Mr. M. S.	Guilford, N. C.
Saulters, Miss Emma	Columbus, N. C.
Shipman, Miss Ada	Robeson, N. C.
Smith, Miss Ollie B.	Moore, N. C.
Smith, Miss Georgia B.	Scotland, N. C.
Smith, Miss Lelia M.	Hertford, N. C.
Snead, Miss Freda E.	Wayne, N. C.
Speight, Miss Sudie Gray	Greene, N. C.
Story, Miss Hennie	New Hanover, N. C.
Story, Mrs. Hattie M.	New Hanover, N. C.
Story, Miss Fanny Ellen	New Hanover, N. C.
Story, Miss Ellen N.	New Hanover, N. C.
Staley, Miss Amanda	Randolph, N. C.
Strickland, Miss Fleeta	Randolph, N. C.
Stanfield, Miss Celia	Guilford, N. C.
Swain, Mrs. Estella	Brunswick, N. C.
Taylor, Miss Marjorie	Guilford, N. C.
Thomas, Miss Mary	Guilford, N. C.
Thornton, Miss C. C.	Warren, N. C.

Thomas, Mr. J. B.	Franklin, N. C.
Thompson, Miss Cornelia	Guilford, N. C.
Tonkins, Miss Ada M.	Guilford, N. C.
Tyson, Miss Bessie	Moore, N. C.
Waddy, Dr. J. C.	Guilford, N. C.
Walker, Miss Lena	Orange, N. C.
Walker, Miss Thomas J.	Rockingham, N. C.
Watson, Lerah L.	Forsyth, N. C.
Washington, Dr. G. H. E.	Guilford, N. C.
Washington, Mrs. N. G.	Guilford, N. C.
Wall, Miss Maggie	Scotland, N. C.
Watts, Rev. R. B.	Gaston, N. C.
Watkins, Mr. A. D.	Guilford, N. C.
White, Miss Amy J.	Moore, N. C.
Whitefield, Miss M. Valena	Guilford, N. C.
Whitted, Mrs. B. W.	Guilford, N. C.
White, Miss Lena S.	Cumberland, N. C.
Whitley, Mrs. A. S.	Forsyth, N. C.
Whitten, Mr. C. T.	Bristol, Tenn.
Whitted, Miss Agnes O.	Orange, N. C.
Williams, Miss Jesse C.	Wayne, N. C.
Williams, Clarissa	Wilson, N. C.
Williams, Miss Altie L.	Halifax, N. C.
Williamson, Miss R. Beatrice	Pitt, N. C.
Wilson, Miss Emma	Moore, N. C.
Wilson, Miss Lillian	Guilford, N. C.
Wilson, Miss Willie	Guilford, N. C.
Winslow, Mrs. Gertrude C.	Guilford, N. C.
Winslow, Mr. Clyde	Guilford, N. C.
Witten, Miss Beatrice	Guilford, N. C.
Wood, Miss Salonia A.	Alamance, N. C.
Wood, Miss Cynthia M.	Alamance, N. C.
Womble, Miss Hattie	Richmond, N. C.
Wright, Miss Nannie S.	Rockingham, N. C.
Wynns, Mr. C. S.	Guilford, N. C.
Wyche, Miss Lenora	Vance, N. C.

DISTRIBUTION OF REGULAR STUDENTS BY COUNTIES OF NORTH CAROLINA, STATES AND FOREIGN COUNTRIES

Alamance	9	Bertie	4
Allegheny	1	Buncombe	3
Anson	6	Cabarrus	4
Beaufort	1	Carteret	8

Caswell	4	Montgomery	1
Catawba	3	Moore	10
Chatham	11	Nash	4
Cleveland	1	New Hanover	5
Columbus	7	Northampton	5
Cumberland	7	Onslow	2
Currituck	1	Orange	4
Davidson	3	Person	1
Duplin	7	Perquimans	1
Edgecombe	4	Pitt	12
Forsyth	4	Randolph	5
Franklin	4	Robeson	9
Gaston	8	Rockingham	6
Granville	3	Rowan	6
Greene	10	Richmond	7
Guilford	24	Sampson	1
Halifax	7	Scotland	5
Haywood	7	Vance	4
Hoke	5	Wake	14
Iredell	1	Washington	1
Lee	4	Warren	2
Harnett	1	Wayne	10
Lenoir	3	Yadkin	1
McDowell	1		—
Martin	2		
Mecklenburg	2	Total in N. C.	286
Arkansas	1	South Carolina	50
Florida	4	Tennessee	4
Georgia	27	Virginia	16
Kentucky	1	West Virginia	4
Maryland	1	Africa	1
Mississippi	1	B. W. Indes	1
New York	2		—
Pennsylvania	1	Total	401

DISTRIBUTION OF SUMMER SCHOOL TEACHERS
BY COUNTIES OF NORTH CAROLINA,
STATES AND FOREIGN COUNTRIES

Alamance	11	Brunswick	1
Anson	4	Caldwell	1
Beaufort	1	Carteret	2
Buncombe	1	Caswell	1

Chatham	1	Pitt	2
Columbus	1	Randolph	13
Cumberland	7	Richmond	6
Lincoln	1	Robeson	11
Edgecombe	2	Rockingham	12
Forsyth	3	Rowan	1
Franklin	1	Sampson	2
Gaston	1	Scotland	3
Granville	13	Stanley	1
Greene	5	Union	1
Guilford	104	Vance	6
Halifax	3	Wake	4
Hertford	1	Warren	2
Johnson	1	Wayne	8
Lenoir	1	Wilson	1
Durham	2		
McDowell	1	Total in N. C.	261
Martin	1	Alabama	1
Mecklenburg	2	District of Columbia	1
Montgomery	1	Maryland	1
Moore	12	South Carolina	2
Nash	1	Tennessee	1
New Hanover	7	Virginia	3
Northampton	2		
Orange	2	Total	270

SUMMARY OF ALL STUDENTS BY COUNTIES OF
NORTH CAROLINA, STATES AND FOREIGN
COUNTRIES

Alamance	20	Cumberland	14
Alleghany	1	Currituck	1
Anson	10	Davidson	3
Beaufort	2	Duplin	7
Bertie	4	Durham	2
Buncombe	4	Edgecombe	6
Brunswick	1	Forsyth	7
Cabarrus	4	Franklin	5
Caldwell	1	Gaston	9
Carteret	10	Granville	16
Caswell	5	Greene	15
Catawba	3	Guilford	128
Chatham	12	Halifax	10
Cleveland	1	Harnett	1
Columbus	8	Haywood	7

Hertford	1	Randolph	18
Hoke	5	Richmond	13
Iredell	1	Robeson	10
Lee	4	Rockingham	18
Lenoir	4	Rowan	7
Lincoln	1	Sampson	3
McDowell	2	Scotland	8
Martin	3	Stanley	1
Mecklenburg	4	Union	1
Montgomery	2	Vance	10
Moore	22	Wake	18
Nash	5	Warren	4
New Hanover	12	Washington	1
Northampton	7	Wayne	18
Onslow	2	Wilson	1
Orange	6	Yadkin	1
Person	1		—
Perquimans	1		
Pitt	14	Total in N. C.	547

SUMMARY BY STATES AND FOREIGN COUNTRIES

Alabama	1	Pennsylvania	1
Arkansas	1	South Carolina	52
District of Columbia	1	Tennessee	5
Maryland	2	Virginia	19
Florida	4	West Virginia	4
Georgia	27	Africa (Freetown)	1
Kentucky	1	B. W. Indes	1
Mississippi	1		—
New York	2		
North Carolina	547	Total	671
Counties of North Carolina	547		
Other States	122		
Foreign Countries	2		
Total	671		

DIRECTIONS FOR ENTRANCE

The applicant will make the following payments:

Monthly Payments

Tuition, per month, for work students, \$1; for others..	\$ 2.00
Lodging, per month, for work students, \$1; for others.	2.00
Board, per month, for work students, \$10; for others..	12.00

Terms Payments

Laboratory and shop fees	2.00
Auto Mechanics	3.00
Commercial Course	3.00

Yearly Payments

Incidental Deposit	2.00
Registration Fee	1.00
Lecture Fee	2.00
Dining Hall Fee	1.00
Medical Fee	1.00
Library Fee	1.00
Athletic Fee	2.00
Matriculation, payable once, for new students only....	5.00

These fees are payable strictly in advance.

No student can remain on the campus longer than twenty-four hours without registering.

No student will be admitted to any department of the college until he has paid his first month's expenses.

A work student is one who works two hours a day for the college.

Each student should bring two quilts or blankets, one counterpane, four sheets, two pillow cases, six towels, etc.

JAS. B. DUDLEY, President.

THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE
OF NORTH CAROLINA

Application For Admission

1. Name
2. Postoffice Address—City
3. Street and NumberR. F. D.....
4. County State
5. Guardian's Name
Parents' Name
6. Home (Postoffice Address, city)
7. Age last birthday
8. What day do you expect to enter school?.....
9. Name of school you attended last.....
10. Give postoffice address of your last teacher.....
.....
11. Have you ever been dismissed, suspended or expelled
from a school?
12. Recommended by
13. Present work is
14. I desire to learn.....
15. Do you intend to take a full course and graduate?.....
If so, what course?
16. Do you intend to remain in college until the end of the
session?..... If not, how long do you intend to
remain?
- What subject do you wish to take that is not given?
.....

In applying for admission, I promise, if accepted, to conduct myself in a manner becoming a gentleman, and to make proper use of the educational advantages offered. I promise to observe and obey the regulations of the institution.

Applicant's signature.....

Do Not Write Below This Line.

The applicant has been examined and assigned to.....Year
Class Dept.Classifier
Tuition Lodging..... Medical Fee.....
.....Bursar
Vaccination requirements satisfied, this.....192...
.....M. D.
The above application approved
.....President
No..... Entered..... Page.....

COLLEGE SONG



(By Mrs. James B. Dudley.)

Dear A. & T., dear A. & T.
A monument indeed,
Around thy base with grateful hearts
Behold thy students kneel.
We bless the power that gave thee birth
To help us in our need;
We'll ever strive while here on earth
All loyalty to yield!

(Chorus)

With joy, with joy, dear A. & T.,
Thy students turn from thee
To spread the trophies year by year,
From Dare to Cherokee.

Dear A. & T., dear A. & T.,
The signet thou shalt be,
Set by our great, old commonwealth,
Proud boaster of the free,
She'd have the record of her worth
On granite not inscribed;
Nay; let the children of her birth
Proclaim it by their lives.

Dear A. & T., dear A. & T.,
Henceforth our aim shall be,
By precepts wise, by deeds more sure,
To bless the state through thee.
The arts of industry to wield
Against an idle foe;
A harvest rich, from ripened fields,
Of what thy students sow.